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Lancaster Farming

VOL. 15 NO. 34 Lancaster Farming, Saturday, July 18, 1970 $2.00 Per Year

Notice: Holstein Breeders!

Some letters to members of the Lancaster County Holstein Breeders Association about the annual field day Tuesday have not arrived in the mail

Members who haven't received the letters but who want to attend should notify the Association immediately, so plans can be made and food provided, reports Jay Landis, Association president

Based on informal checks, Landis said, about one-third of the letters sent out apparently have not arrived to members Landis said the lost letters appear to have no particular pattern, but are scattered throughout the membership area.

He urged members who haven't received the letters to contact one of the following members himself at Millersville, 872-8818, David W Swelgart, Elizabethtown, 367-2286, James Kreider, Quarryville, Donald Eby, Gordonville, 768-3086, or Clarence Stauffer, Ephrata, 733 3521

Landis urged those persons who haven't received a letter to contact one of these five members immediately today (Saturday) While it might be possible to accept some additional reservations through Monday, a flood of last minute requests is discouraged because of the difficulty in supplying food, Landis indicated

The field day will begin at 10 30 a m Tuesday at the farm of Curtis E Akers, Quarryville RD1. At noon there will be a chicken barbecue for $1 25 with milk and ice cream furnished It's in order to help plan this barbecue that members should contact the planning committee, Landis emphasized

Persons attending have been advised to reach the Akers' farm by traveling south on Route 222 and turning right at Solanco School After taking the first road left, the farm is the first on the right

Yokum Says Area Wheat Crop 'Dead' and at 'Critical' Stage

John Yokum, superintendent of Penn State's Southeastern Field Research farm near Landisville, lifts some "essentially dead" and partially bent wheat at the farm Thursday

At the time, Yokum was concerned about possible problems in getting local wheat harvested if rainy weather continues

But Thursday was a good drying day with wind and Friday started out sunny and hot, leading Arnold Lueck, associate county agent, to note that if the favorable weather continues, most of the wheat in the area probably will be harvested over the weekend

In commenting on the wheat situation Thursday, however, Yokum termed it "critical" He said that another week of rainy weather could result in germination right in the seed head The stalk is already ripe and a hard driving rain could level the wheat, resulting in substantial losses, he added

As of Thursday, very little wheat had been harvested in the area and the wheat in the fields had a high moisture content. "I would guess 16 to 18 per cent, maybe higher It's pretty soggy yet," Yokum said

For the grower, this means the wheat can't be harvested unless drying is provided for If stored with a moisture content much higher than 14 per cent, the grain would mold and ferment 'and this would destroy it as an animal feed,' Yokum said

If the grower sells it to feed mills with a high moisture content he's docked on the price.

For many area farmers, therefore, good weekend weather is a foremost concern

Chester County Brothers Win 4-H Tractor Driving

Chester County brothers have won both divisions of the Chester County 4-H Tractor Driving Contest.

Robert Hodge won the senior division and his brother Bruce captured the junior division They are the sons of Mr and Mrs Robert Hodge West Chester RD4

The contest was held July 10 at the farm of Joseph Styer at Eagle.

Other winners in the senior division were Tom Kaiser second, and Paul Bailey, third In the junior division, second place honors went to Wayne Styer, and Jordan Hunt placed third.

As county winner, Robert Hodge will represent the county in the State contest at Penn State, August 10 12 during State 4-H Days

The contest was a test of the members driving skill and their ability to operate farm machinery safely, and was a part of the county 4-H Tractor Club program Leaders of the county 4-H Tractor Club are Joseph Styer, Eagle, Nevin and Kenneth Myer Chester Springs and Chester Wenger, Chester Springs

Further information can be obtained about the 4-H tractor club program by contacting one of the 4-H club leaders or the Extension Service Office.

Filled Milk Sales Off, But Low-Fat Items Gain

Sales of filled or imitation milk were off sharply this year, the USDA reported recently, but sales of low-fat and skim milk products are booming

Over-all sales of filled milk in federal order markets were estimated at 32 million pounds during April, down from 58 million pounds a year earlier

In Central Arizona, where filled milk sales accounted for 11 5 per cent of Class I market sales in August, 1968, sales accounted for only 2 5 per cent of the total this April In the Niagara Frontier (Buffalo, N Y) market, sales of imitation milk were reported at 70,000 pounds in April, accounting for only 2/10 of one per cent of the fluid milk sales, and down from 249,000 pounds a year earlier In nearby Rochester, N Y, sales of the product ceased late last year

On the other hand, sales of skim milk and low-fat milk items accounted for 20 per cent of fluid milk sales in federal order markets during January-March 1970 That's up from 19 2 per cent of the total during all of 1969 Sales of these items have moved up steadily since 1960 when they accounted for only 7 4 per cent of the total

The big gainer in this category Low-fat or two per cent milk which accounted for 13 3 of the fluid milk sales during January-March That's up from 12 0 per cent during all of 1969 and more than double the 1966 percentage.

MARKET NEWS REPORT

At Lancaster Yards

Auction Only

July 15, 1970

CATTLE 1241 — Compared to Monday, Slaughter Steers steady, Cows steady, Bulls steady to 50 lower

SLAUGHTER STEERS — Few lots, mainly high-Choice, few Prime, 1075-1325 lbs 31.50 32 00, Choice 950-1300 lbs 30 25-31 50, high-Good and low-Choice 28 85-30 25 Good 27 50 29 75

COWS — Utility and high-dressing Cutter 24 25 25.50, Cutter 23 50 24 75 Canner and low-Cutter 21 75-23 25

BULLS — Choice 28 75 30 00, Good 27 00 29 00 Utility and Commercial 27 75 30 00

CALVES 115 — Choice Vealers 2 00 higher Good 1 00 higher other grades steady, except Choice 225 280 lbs 1 00 3 00 higher

VEALERS — Choice 49 00-51 00 few 52 00-52 50, Choice 225 280 lbs 45 00 48 00 Good 44 00-48 00 Standard 41 00 45 00, Utility 36 00 41 00 Cull 90-120 los 30 00 34 00 65 85 lbs 26 00-31 00

HOGS 336—Barrows and Gilts fully 50 lower

BARROWS AND GILTS—US 1 small lot 215 220 lbs 27 10 US 1-2 200-240 lbs 26 25 26 60 US 2 3 210-240 lbs 25 75 26 25 US 2 190 200 lbs 25 75-26 00

SOWS — US 2-3 300 600 lbs 16 00 17 00

SHEEP 21 — Spring Lambs steady

SPRING LAMBS — Good 75-90 lbs 27 00-29 00

Weekly Review

July 15, 1970

CATTLE 2800 — Compared to last weeks close, Slaughter Steers steady to 25 higher, the advance on some sales Monday, Cows steady, Bulls steady to 50 lower Supply included an estimated 65 percent Slaughter Steers, 20 percent Cows and Bulls, with the balance mainly Feeder Steers

SLAUGHTER STEERS—Bulk high-Choice, few Prime, 1075-1325 lbs 31 50 32 00, Choice 950-1300 lbs 30 25 31 50, high-Good and low-Choice 28 85-30 25, Good 27 50-29 75

COWS — Utility and high-dressing Cutter 24 25 25 50, Cutter 23 50-24 75, Canner and low-Cutter 21 75 23 25

BULLS — Choice 28 75 30 00, Good 27 00 29 00, Utility and Commercial 27 75-30 00

CALVES 400 — Good and Choice Veale s 1 00 higher other grades steady except Choice Calves 225-280 lbs 1 00 higher

VEALERS — Choice 47 00-

(Continued on Page 3)

Vintage Auction

July 14, 1970

CATTLE 1106 — Compared to last Tuesday, Slaughter Steers steady to 50 higher, Cows mostly steady, some sales 25 lower, Bulls fully steady

SLAUGHTER STEERS — Prime 950-1300 lbs 32 35-33 25, high-Choice and Prime 975-1300 lbs 31 75-32 60, Choice 950-1375 lbs 30 50-32 25, high-Good and low-Choice 29 25 30 50, Good 27 00-29 50

COWS — Utility and high-dressing Cutter 23 50 25 00, few 25 50-25 60, Cutter 21 50 24 00 Canner and low-Cutter 20 50 22 00

BULLS — Choice 28 50-30 75, few 31 25-32 50, Good 27 00-28 75 Utility and Commercial 27 35-30 75

CALVES 608 — Utility to Choice Vealers 1 00-2 00 lower, Cull mainly steady

VEALERS — Choice 49 00-51 00, Good 43 00-47 50, Standard 40 00-43 50, Utility 36 00-41 00 Cull 90 120 lbs 31 00-36 00, 65 85 lbs 25 00-32 00

(Continued on Page 3)

New Holland Auction

July 16, 1970

CATTLE 1227 — Compared to last Thursday, Slaughter Steers mainly steady, Cows 25 to mostly 1 00 lower, with Utility and Cutter off most; Bulls 75-1 25 lower Supply included 18 percent Cows and 13 percent Bulls

SLAUGHTER STEERS — High-Choice and Prime 1200 1300 lbs 31 50 32 00, Choice 950 1325 30 00-31 75, high Good and low-Choice 29 25-30 60, Good 27 50 29 75

COWS — Utility and high-dressing Cutter 23 00-24 50, Cutter 22 00-23 75, Canner and low-Cutter 20 50 22 50

BULLS — Choice 27 50-29 75, Good 26 00 28 50 Utility and Commercial 26 75 29 75

CALVES 447 — Vealers 2 00-3 00 lower, except Cull steady

VEALERS — Choice 45 00 47 00, Good 39.00-46 00, Standard 38 00-43 00, Utility 33.00-39.00, Cull 70-115 lbs 26.00 31.00.

SHEEP 12 — Supply too small to provide price trend.

HORSES
July 13, 1970

Receipts of 335 horses sold steady Riding Horses 90-370; Driving Horses 95-275; Pony Mares 15 40, geldings 10-30; Work Horses (single) 125 165; Killers 8 9

COWS
July 15, 1970

Receipts of 113 cows, 8 bulls and 7 heifers sold steady Fresh

(Continued on Page 8)

HAY PRICES

For Southeastern and South Central Pennsylvania

July 13, 1970

All hay No 2 and better, prices paid by dealers at the farm, price per ton

New hay & straw mostly steady, second cutting of alfalfa coming on the market

Alfalfa	(new)	25 00-35 00
Timothy hay	(new)	18 00-25 00
Mixed hay	(new)	22 00-28 00
Straw	(new)	18 00-28 00
Mulch		8 00-12 00

Reported by Bureau of Markets Pa Dept. of Agriculture.

Chicago Cattle

Weekly Review

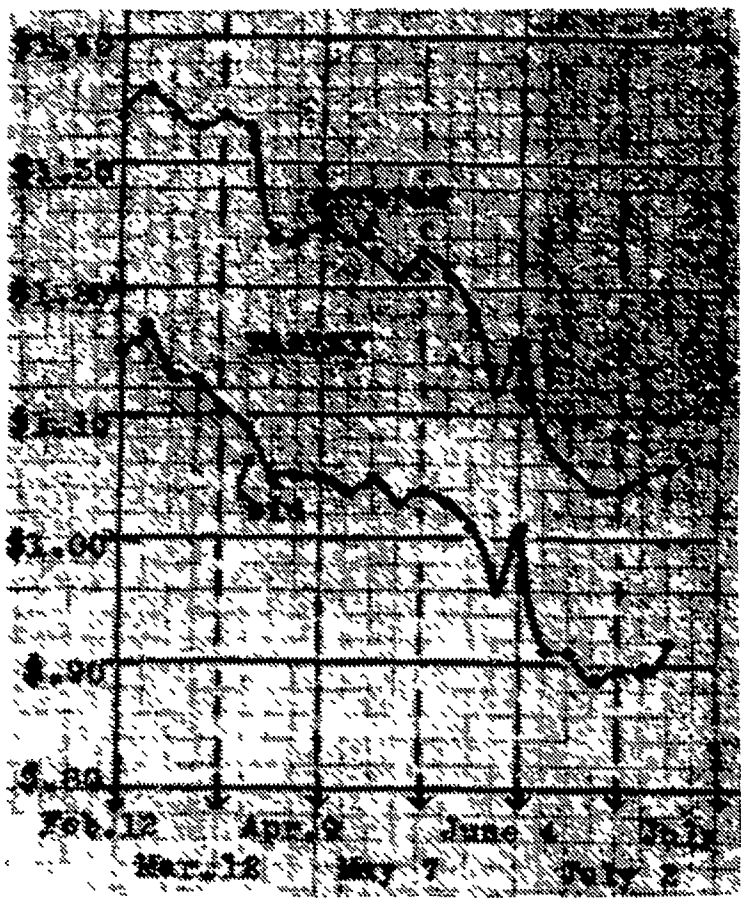
CATTLE—Compared with last weeks close Slaughter Steers mostly steady, Slaughter Heifers 25-50 lower Cows 75-1 00 lower, Bully steady

Receipts consisted of 77 percent Slaughter Steers, 20 percent Heifers with the balance mainly Cows Overall finish of Slaughter Steers not as attractive as last week with 20 percent Prime and 70 percent Choice This compares with 26 percent Prime and 62 percent Choice last week and 22 percent Prime and 66 percent Choice last year Average cost and weight of Slaughter Steers, estimated at 31 55, highest in 12 weeks, and 1185 lbs compared with 31 10 and 1171 lbs last week, and 31 84 and 1161 lbs.

(Continued on Page 3)

New York Eggs

Prices on large unchanged to slightly lower on mediums and smalls Receipts light to moderate from nearby and Southern points, light from New England Demand fair on large and extra large Interest in mediums and smalls light and moving best where prices were discounted Offerings of large whites were about in balance but clearing slower with less than fancy quality generally selling at 43 44½c Supplies of mediums more than adequate for local needs, smalls ample and offered to breakers for clearance Street sales mostly at 49 50c on extra large and 45 46½ on large and 45 46½c on large browns Carton egg activity slow to fair with best interest for barely adequate supplies of extra large and for mediums where featured



Local Grain Prices

These prices are made up of the average prices quoted by six participating local feed and grain concerns It should be noted, however, that not every dealer handles each commodity All prices are per bushel, except for ear corn which is per ton

The average local grain prices quoted Thursday, July 16, 1970, are as follows

	Bid	Offered
Ear Corn	$38 33	$43 33
Shelled Corn	1 57	1 71
Oats	74	88
Barley	92	1 06
New Wheat	1 44	1 59

Bid is the price the dealer will buy from the farmer delivered to the mill Offered is the price the dealer will sell for at his mill

FUTURES TRADING

(Closing bids as of Thursday, July 16, 1970)

	Chicago Cattle	Chicago Hogs	New York Maine Potatoes	Chicago Fresh Eggs
July		26.07		36.65
August	31.75	24.25		
September				39.30
October	29.87	20.50		37.00
November			2.47	38.75
December	29.37	20.00		37.10
January '71				36.25
February	29.45	19.60		
March			2.79	
April	29.57	19.65	3.01	
May			3.57	

a-asked b-bid n-nominal

Trend — Cattle are stronger, Hogs are steady, Potatoes are steady and Eggs are weaker

Markets provided by Commodity Dept., Reynolds & Company

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Kenneth E. Hershey, Sales Manager

Weekly Poultry Report

Delmarva

Ready-to-cook movement fair though continues very competitive in some quarters Call on US Grade A generally good with unfilled needs for feature activity occasionally reported Less than-trucklot prices generally unchanged on both Plant and US Grade A Advance interest continues slow in developing overall Live supplies remain ample despite continued heavy slaughter schedules Undertone barely steady

Pool trucklot prices for Thursday arrival at terminal markets US Grade A 28-29 Mostly 28½ Plant Grade 27-27½ Special packs including 1¾-2, 3½ + sizes Tlewt.

Fogelsville

July 14, 1970

(Prices paid dock weights, cents per pound, except where noted)

HENS, Heavy Type 10-20, PULLETS 12-29 mostly 24½-28, ROASTERS 9-26 mostly 18-23 DUCKS 21-37; DRAKES 28-31½; RABBITS 10-31 mostly 25-30; GUINEAS 1 14½-1 30½; PIGEONS (Per Pair) 75-3 00 mostly 75-1 40.

TOTAL COOPS SOLD 488.

Eastern Pennsylvania And New Jersey

Prices of light type hens continued to hold unchanged, though in instances unconfirmed reports indicate slightly higher prices being paid Demand fairly good with processors in instances working short schedules due to lack of birds Farm offerings generally short of needs as producers trend to hold hens on farms for continued "good egg" prices Offerings of heavy hens ample for a limited processor interest Prices paid at farm Light Type Hens 5½-8 mostly 7¼-8¢ in Pennsylvania mostly 6 6½¢ in New Jersey Heavy Type Hens Tfewt

● Lancaster

(Continued from Page 2)

51 00 Choice 225 280 lbs 44 00-48 00, Good 43 00-48 00, Standard 41 00-45 00 Utility 36 00-41 00 Cull 90 120 lbs 30 00 34 00, 65 85 lbs 26 00 31 00

HOGS 1150—Barrows and Gilts fully 50 lower

CLOSING SALES, BARROWS AND GILTS — US 1 small lot 215-220 lbs 27 10 US 1-2 200-240 lbs 26 25-26 60 US 2 3 210-240 lbs 25.75-26.25 US 2 190-200 lbs 25.75-26.00

SOWS — US 2-3 300 600 lbs 16 00 17 00

SHEEP 150 — Spring Lambs steady

SPRING LAMBS — Choice 75-80 lbs 30 00 30.50; Good 65-90 lbs 26 00-29 00.

Green Dragon

The Ephrata Green Dragon market reported receipts of 180 head of average quality dairy cattle Friday, July 10, with light attendance and prices lower

Consignments included herd of local cows, $225 370

Load of Canadian Cows (milkers), 415 530, one purebred, 535

Load of Canadian Cows — springers 365 530 milkers 380 490

Load of Canadian Cows — springers, most purebreds 420 600 one good Swiss cow, 435

Small load of New York State Cows, 320 440

Yellow cows 270 292 50

Heifers — bred, 327 50 385 open 140 225

Four bulls offered, 180 320

HAY MARKET JULY 10

Five loads of hay — two loads of timothy, $31-34; two loads mixed hay, 23-24; one load of grass, 21.

Three loads of straw, 30-35.50.

Weekly UEP Egg Market

Prices to the Producer

Tuesday, July 14 and Thursday, July 16

Region	Large		Medium		Small	
Northeast	41½	40½	29	27½	17½	17
Northwest	40	36	29	27½	17	15
Central West	35	33	26	24	14	12
Southwest	35	33	26	24	14	13
Midwest	39	36½	27½	24½	14	12
Southeast	41	38	29	27	16	15
National average	40	37½	23	26	15½	14

Weekly New York Egg Mkt.

From Monday July 13th to Friday July 17th

	Mon.	Tues.	Wed.	Thurs.	Fri.
WHITE					
Fcy Ex Large	49	49	49	49	49
Fcy Large	45	45	45	45	45
Fcy Mediums	34	34	34	34	34
Fcy Pullets	23	23	23	23	23
Fcy Peewees	14	14	14	14	14
BROWN					
Fcy Large	45	45½	45½	45½	45½
Fcy Mediums	32	32	32	32	32
Fcy Pullets	23	23	23	23	23
Fcy Peewees	14	14	14	14	14
Standards	42	42	42	42	42
Checks	22½	22½	22½	22½	22½

Tone — Market about steady but nervous Some large whites ample and buyers very cautious. Good demand for breaking stock

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Federally Inspected Livestock Slaughter

(For week starting July 13, 1970)

	Cattle	Hogs	Sheep
Week to date	447,000	1,031,000	150,000
Same period last week	455,000	972,000	150,000
Same period last year	469,000	1,052,000	152,000

Estimated daily livestock slaughter under Federal Inspection.

● Chicago

(Continued from Page 2)

last year. Heifer supply mainly high Good to low Prime weighing 825-1025 lbs.

SLAUGHTER STEERS — On Wednesday, Prime 1200-1375 lbs. Yield Grade 3 and 4 32 25-32 50, with two loads 1175-1275 lbs. 32.75. On Monday, four loads reached 33.00, equaling the highest since late April High Choice and Prime 1100-1400 lbs. 31.75-32.25, load around 1100 lbs. 32.50, load high Choice and Prime 1450 lbs. Yield Grade 4 and 5 30 50, Choice 950-1375 lbs Yield Grade 2 to 4 30.75- 31 75, couple loads average to high Choice 1400-1450 lbs Yield Grade 4 and 5 29 50, mixed Good and Choice 30 00-30 75, Good 27.50-30 00, Standard and low Good 26 50-27 50

SLAUGHTER HEIFERS — On Wednesday, high Choice and Prime 915-1025 lbs. Yield Grade 3 and 4 30 50-31 00, with three loads at 31 25 on Monday. Choice 825-1025 lbs. Yield Grade 2 to 4 29 25-30 50, mixed Good and Choice 750-950 lbs 28 25-29 25, Good 26 50-28 25

● Vintage

(Continued from Page 2)

HOGS 445—Barrows and Gilts steady to 25 higher

BARROWS AND GILTS—US 1 205-230 lbs. 27.25-27 60 US 1-2 195-240 lbs. 26 75-27 00 US 2-3 190-245 lbs. 26 35-26 75.

SHEEP 85 — Spring Lambs fully steady.

SPRING LAMBS — Choice 60-90 lbs. 29.00-32.50; Good 60-85 lbs. 27 00-29.00.

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Fun For Farmers

The Farm and Home Foundation is sponsoring a Farm and Home Center Labor Day featuring a slave auction Thursday, July 30 at the Center Starting at 7 30 p m, the program also includes volleyball and refreshments Proceeds go to paying off the remaining mortgage on the Center

Sounds like a good time and place for farm folks and their urban friends to get together for some fun and relaxation

Besides helping a worthy cause — the Center is certainly a tremendous asset to the entire farm community — the event has many potential fringe benefits including a good means of helping to bridge the generation gap

While the generation gap never has been the problem in the rural areas that it has been in the urban areas simply because those under 30 still have a real and vital role on the farm, it never hurts to take that extra step to keep things running smoothly. The old bit about a stitch in time saves nine still means somthing to area farmers.

Besides supporting a worthy cause any way you look at it, the labor buyer at the auction is more than likely to get his money's worth The local farm youth we have seen have a lot on the ball and we expect the young men who would volunteer for the auction will be among the best around.

In a time when it seems there's always another meeting or event, it's necessary to be selective: but we think this is one affair that meets all the qualifications for a great evening that shouldn't be missed

Pa. Hog Numbers Grow, Too

The Pennsylvania Crop Reporting Service reports that the inventory of hogs and pigs on Pennsylvania farms on June 1 was 566,000, up three per cent from the 550 000 on farms a year earlier, and that market hogs numbered 481,000, up two per cent from the 473 000 on hand a year ago. Breeding stock numbered 85,000 compared to 77,000 a year ago

The Crop Reporting Service also listed national figures which show that the number of hogs and pigs on farms June 1 was up 10 per cent and breeding hogs up 16 per cent.

At first glance, it would appear that Pennsylvania is way below the large national swine build-up which the USDA is projecting.

But the key figure is breeding stock, which is up 8 000 or slightly more than 10 per cent This 10 per cent is under the 16 per cent projected nationally, but is still much higher than the three per cent overall increase by June 1 Apparently, what we are seeing now — if the Crop Reporting Service figures are accurate — is the increase in breeding stock which precedes by several months the increase in market animals

If the figures on the breeding stock are accurate, we should see a large build up in market hogs in Pennsylvania and nationwide sometime this Fall.

USDA reports show this is the first major swine production increase in five years

Indications are that the larger swine supply will have an adverse effect on hog prices, but to what extent remains highly uncertain

What does appear certain Farmers should not base future expectations of profits in swine production on prices that have existed over the past year A strain on profit margins can be expected. Efficiency and low cost of production will become more important.

Clean Environment—Priceless

The Pennsylvania Department of Forests and Waters recently reminded citizens that the state's park program is one of the finest in the nation but it can be "wrecked" by littering.

State officials noted what should be obvious No one likes to picnic in areas covered with paper cups plates and empty beverage bottles and cans, fishermen don't like trash littered streams campers don't want to set up in a area strewn with unused food empty cans paper and plastic containers bathers don't like beaches spoiled with broken glass hikers don't enjoy a trail littered with paper handkerchiefs tissues and half eaten sandwiches

Littering Is Costly

The officials note that it is difficult to determine, in dollars and cents how much it costs the Department of Forests and Waters each year to clean up its State parks — the picnic areas, the campsites, bathing beaches and trails — but its a fact that the figure, if ever determined, would represent a tremendous expenditure.

This is an expenditure which certainly could be put to better use for example, making improvements to existing State park areas

Following a nation-wide survey an organization known as Keep America Beautiful Inc announced it costs the taxpayers of this country an estimated $500,000 000 annually to remove litter from parks beaches streets highways and other public property and that $15 5 million was spent in one year to clean up and maintain natural recreation facilities and sites administered by the U S Forest Service

Littering, a Major Problem

Whether its on public parks or private areas it should be obvious to everyone that littering is a major national problem — an important part of the environment issue that's talked about so much

It's easy to drop little bits and pieces litter of various kinds as we go about our daily living and assume that this one little bit doesn't matter.

When each person adds his little bit in heavily traveled areas, natural beauty is covered by ugly waste; in this way, the beautiful environment which contributes so much to man's enjoyment and humanity is gradually converted into another eyesore which grates on the nerves.

Compulsive Non-Litterers

As the world moves on in its seemingly endless trend toward haphazard progress and ugly development, it will become increasingly important for all of us to become dedicated, even compulsive, anti-litterers.

We all need to see occasionally a place which is clean and beautiful to reassure ourselves that all is well, that in spite of his follies and shortcomings, there is hope for man When there are so many of us, so many more of us must become non-litterers, even willing to go an extra step and help clean up some of the mess created by our neighbors who have not yet learned the truth that a clean environment is a priceless asset.

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Lancaster County's Own Farm Weekly

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NOW IS THE TIME...

By Max Smith
Lancaster County Agent

To Prepare Alfalfa Ground

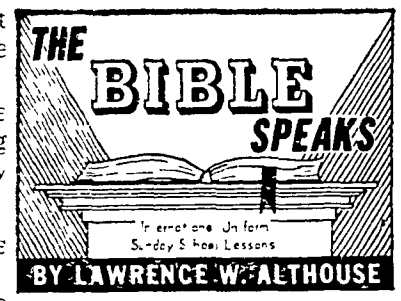
Farmers who are planning to make an early August seeding of alfalfa should be getting the ground in shape A complete soil test will give the lime and fertilizer needs, these elements should be worked into the topsoil during the preparing practices The use of certified seed, well inoculated and applied with the grind seeding method should get a good stand, if current weather conditions continue The first 10 days in August would be a good time to make this seeding

To Report Sick Hogs

The local swine industry is facing a serious threat since hog cholera has been found in this part of the state It is very important that all swine feeders or breeders promptly report sick hogs to their veterinarian Pennsylvania swine are extremely susceptible to cholera and the disease may be present in raw garbage and in out-of-state feeder pigs Delay in diagnosing the disease in heavily swine populated areas could be very serious.

To Practice Safety

The week of July 19 to 25 has been set as National Farm and Home Safety Week In most cases this will get little attention because most folks feel that safety is for the other fellow It might be a good time to evaluate the safety practices used on your farm or in your home How many things are you doing that are reckless that you have been getting away with? Parents and farm owners are urged to discuss these hazards and good safety practices with their children and employees It might save a life or serious injury.



WHAT IS MAN?

Lesson for July 19, 1970

Background Scripture: Genesis 1 26 through 2 25, Psalms 8, Matthew 10 29 31, Acts 17 26 28, 1 Corinthians 15 45 50.
Devotional Reading Psalms 8

The birth of a human being is one of the most common, yet at the same time most miraculous and mysterious processes of God's creation. The more that science learns about it, the more we stand in awe at this evidence of God's creative masterpiece.

Rev. Althouse

Consider facts such as these:

... A new human being begins as a tiny cell which in 266 or-so days increases to a fantastically complex organism of 200 million cells — a billion times greater than its original weight.

... In the nucleus of this single cell is a kind of coded blueprint for the stage-by-stage development of a complete human body.

... When the baby is born it is pushed into the world by a one-hundred-pound propulsive force.

... In a few short seconds the new-born baby must make a great many unbelievable drastic adjustments: from a cozy temperature of 98 degrees F. to a room temperature of some twenty degrees lower; from a totally dark environment to one of blinding light; from a complete dependence for oxygen and blood upon the mother to the sudden, unpracticed use of its own lungs and heart for that purpose.

No wonder man is called God's greatest creation!

In His own image

Yet, fantastically wonderful as is the physical creation of man, he is looked upon as the crown of God's creation for still a greater reason: what he is rather than how he is made. The writer of Genesis says it one way: "So God created man in his own image . . ." (Genesis 1:27). The writer of Hebrews, quoting the psalmist, says it another: "Thou didst make him a little lower than the angels" (Hebrews 2:7). Both of these men are making approximately the same affirmation: there is a likeness, kinship, or similarity between the personality of man and the basic personal nature of God.

This does not mean that man is the same as God or equal to him in any way. It does mean, however, that man in his very essence—or that which makes him man—bears in an incomplete and finite way the characteristics which we find in a complete and infinite way in God. As Reuel Howe has put it, "Blurred and distorted though the image of God in man is, still the mark of the hand of the Divine Craftsman is on him."

Everything in subjection

We may "see" God in nature, "hear" him in the sounds of the earth, and find his footprints" in a hundred thousand different places, but in man we get the most accurate picture of all. In one man—Jesus Christ—the picture was not even blurred or distorted.

There is another reason why we call man God's greatest creation Not only is man exalted in what he is created to be, but also in what he is created to do Man is created to put "everything in subjection under his feet." He is intended to rule over the rest of creation for the Creator.

There are then two facts that we must note about the nature and purpose of man. First, there is man's priveléged position in regard to the rest of creation. No other creature has been so blessed as man. What a privelege to be created with a kinship to God and a mandate to rule God's creation for him.

There is a second fact, for with the privelege there is also a responsibility too. Man is blessed by God so that he may be a blessing. He is given powers, advantages, and endowments so that he may fulfill God's plan and purpose. He is therefore the creature with the highest priveleges and also the highest responsibilities. That's why he's called the "crown of God's creation." That's what man is.

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Help Us Serve You

Is your farm organization's meetings making our farm calendar? If they're not and you think they should, let us know.

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Remind us by calling 394-3047 or 626-2191 or by writing to Lancaster Farming, 22 E. Main St., Lititz, Pa. 17543. You can help us serve you better.

Pittsburgh Retailer Jailed for Food Stamp Law Violation

The first jail sentence given a Food Stamp Program retailer as a result of program violations in the 12-State Northeast Region was announced recently by Assistant U.S. Attorney Charles F. Scarlota.

Emil Williams, owner of Emil's Market, 1700 Centre Avenue, Pittsburgh, was sentenced after pleading guilty to seven counts of a Federal indictment involving violations of Food Stamp Program regulations in a trial held June 17 before Senior Judge W. S Gourley of the U.S. District Court of Western Pennsylvania

According to Scarlota, Williams had been charged with the unlawful exchange of cash for food coupons

Judge Gourley sentenced Williams to a 90-day jail term on the first count of the indictment. This count alleged that Williams had exchanged $110 in cash for $240 in food coupons On the six other counts, Williams received a suspended sentence He also was placed on probation for one year, and additionally was banned from retailer participation in the Food Stamp Program for a three year period

An official of the U.S Department of Agriculture's Food and Nutrition Service explained that food coupons, by law, can be used only to buy food, excluding certain imported foods Stores participating in the program agree in advance to abide by the laws and regulations Any store that violates them — and anyone who pressures a store to do so — weakens and endangers the whole program, established to combat hunger and malnutrition, pointed out W F Warren, Northeast Regional Director of the Program

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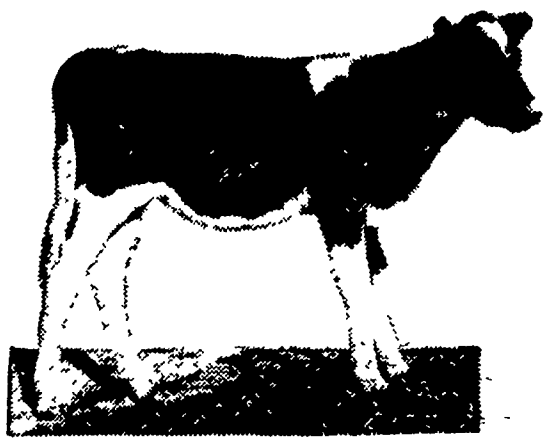

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Quarantine on European Chafers Strengthened to Prevent Spread

The Federal quarantine regulations designed to prevent the artificial spread of European chafers is being revised the United States Department of Agriculture reports

Except for changes relating to soil samples, the revised quarantine was slated to go into effect upon publication in the Federal Register scheduled for June 27 1970 The chafer is reported in Pennsylvania

The amended European chafer quarantine will strengthen safeguards against the artificial spread of these destructive plant pests and at the same time simplify shipping requirements from some quarantined areas, plant protection officials of USDA's Agricultural Research Service explain These objectives are accomplished in the revised quarantine by a change in the definition of 'suppressive' area and the release of certain articles moving from suppressive areas from quarantine requirements

The new definition requires that all regulated establishments be treated and the entire infested area be scheduled for eradication treatment to qualify for designation as a suppressive area Under the previous European chafer quarantine, an area was designated "suppressive" if a program of eradication was an objective

Under the revised quarantine, restrictions on shipments from suppressive areas will apply only to bulk soil and used mechanized soil moving equipment Previously restrictions on outgoing shipments from suppressive areas were the same as from generally infested areas

Restrictions on shipments from generally infested areas will continue unchanged under the new quarantine, and apply to the following regulated items soil, plants with roots grass sod, plant crowns and roots for propagation, used mechanized soil-moving equipment, and true bulbs, corms rhizomes, and tubers of ornamental plants

The revised quarantine also provides that effective July 1, 1970, soil samples of any size from areas infested by European chafers can move interstate only to approved laboratories for processing, testing or analysis After July 1, no certificate or permit will be required to accompany the soil samples

Persons wishing to move regulated items from areas infested by European chafers should first contact a Federal or State plant protection inspector or county agricultural agent for information on how to meet requirements for eliminating the pest hazard

The chafer is a major pest of lawns, pastures, and small grains Probably brought to this country during the twenties, infestations to date have been confined to areas in Massachusetts, Rhode Island, Connecticut, New York, New Jersey, Pennsylvania, and Ohio If permitted to spread unchecked, the chafer could become established across the country

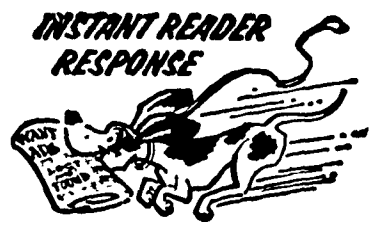
Dairymen's Assn. Urges Retail Milk Price Hike

At a hearing of the Pennsylvania Milk Marketing Board in Lancaster Tuesday, the Lancaster County Dairymen's Assn sought an increase in the retail price of milk

An increase of one half cent or more was requested to bring the present 34 cent per quart price in Lancaster County in line with prices in Harrisburg and York County of 34 5 cents

Local dairy firms also contended that profit margins of 11 county firms is only 1 32 per cent net before taxes and 8 per cent after state and federal taxes, well below the two to three per cent the Milk Marketing Board considers "a fair return on resale milk activities."

Increased material and labor costs were cited as the reason for the low profit margins and need for a price increase



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Farmill Construction & Repair

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FARM WOMEN SOCIETIES

Society 6

Society of Farm Women 6 met at the home of Mrs Joseph Greiner, Mount Joy RD2 Mrs Milton Eberly, president, was in charge of the session

Mrs Wayne Sweigart led the devotions A flute duet was presented by Susan Oberholtzer and Gloria Longenecker

The Society voted to give $24 to the Mental Health County project and $25 to the American Red Cross for contents used in Ditty Bags

Farm Women 6 sponsored Miss Holly Leber, Elizabethtown, as a contestant in the Jaycees Miss Elizabethtown Contest

"School Days," a program of home talent, was the entertainment for the afternoon meeting with each member taking part Miss Margaret Haines was in charge

The next meeting will be a covered dish picnic at the Milton Grove Sportsman Club at 6 30 p m Aug 1

Society 14

Society of Farm Women 14 held their family picnic at the William F Tinney Memorial Pavilion at Strasburg recently

After the buffet meal Walter Harman Jr of the new Life Boy's Ranch, Harleysville entertained the group with an hour long slide presentation of the work of the boys between the ages of 13 and 17 years Sixty two boys are now at the home Two of the boys gave their testimony of the good influence of the home and their exceptance of Christ as their Saviour

Hostesses were Mrs Christ Landis Mrs Leon Thomas Mrs Charles Murray and Edith Metzler

The August 12 meeting will be at the home of Mrs Samuel Lynch when Evelyn Brown Glazer will speak on Self Defence

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(Annual Rate)
2-year CERTIFICATES
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Mrs. McSparran Named County Granger Of The Year

A Lancaster County Pomona Grange visitation meeting was held at 8 p m July 13 at the Grange Hall in Oakryn with Fulton Grange host Colerain Grange filled officers' chairs. Melvin C Boyce presiding

The Charter was draped in memory of Allen Dubble and for the past National Grange Master Herschel D Newsom

The Youth committee reported 62 people went to the rodeo at Cowtown, N J July 11

Clifford Holloway III is in charge of ticket sales for the trip to Baltimore August 4 to see the Boston game leaving Penn Hill at 6 p m Aug 1, they will hold a swimming party at the home of Mr and Mrs Jesse Wood, Little Britain.

The Women's Activities committee served a supper to the Friendly Farmers Club at the Grange Hall June 27 and sold eats at a recent sale in New Danville. They will hold a Tupperware party at the August 10 meeting

Mrs Charles McSparran was selected as the Granger Of The Year by a special committee composed of Thomas Galbreath, Mrs Gyles Brown and Stanley Stauffer Jr

Mrs Charles McSparran reported the Commonwealth Telephone Company is cooperating with the Grange to improve the service and asks that patrons report any trouble immediately so the trouble can be spotted and corrected

The Grange went on record opposing the lottery bill which passed the House and is in the state Senate The Legislative committee reported that Representatives Sherman Hill and Marvin Miller are not in favor of raising salaries of state officials, cabinet members and Legislators at this time and the committee was instructed to inform our Representatives that we feel they should cut expenditures and not make appropriations without having a means for raising the funds

Several members voiced opposition to the Health and Family Living course Solanco District schools are planning to use and many signed a petition disapproving it Members are advised to contact the school directors to express their opinions

Miss Helen Wanner, Lecturer of Salisbury Grange, presented a program on "Brazil" and had a map of Brazil prepared to accompany it Pomona Master, Gyles H Brown, acted as a judge for the county visitation programs this year and Salibury and Fulton Granges tied for first place in the contest which will culminate at the Pennsylvania Grange convention at Meadville October 26-29

Mrs Gladys Eby spoke on the "Size, Population, Industries, Resources, Seasons and Weather" of Brazil Chester Eby spoke on "Communications, Transportation and Sports" of Brazil. Mrs. Chester Eby told of their "Popular Festivals." Ralph Wanner spoke on "Language, Education and Religion" and Mrs. Alfred Wanner told about the "Foods" of Brazil Miss Helen Wanner told of "Some Weather Forecasting Superstitions" and showed colored film strips "Amazon Village" and "New Coffee Lands In Brazil."

Fulton Grange will hold their annual picnic at 7 p m July 27 on the Grange Hall grounds. Grange members and families should bring a meat dish, another dish and their own place setting Rolls, butter, drink and tablecloth will be provided by the committee Mr and Mrs. Harold Shoemaker, Mr and Mrs Ellis Sheetz, Mr and Mrs William Shuler, Misses Beverly Shoemaker and Sylvia Shirk. Mrs Stanley Stauffer Jr will provide games and conduct a Talent contest

Farm Labor Force Up

The U S farm labor force was estimated at 5 4 million workers during June, up three per cent from a year earlier.

It marks the first reversal of the downward farm labor trend since 1961. Reason for the increase: Higher numbers of hired workers.

While the number of farm operators and unpaid family workers, at 3,660,000, was virtually unchanged from a year earlier the number of hired workers, at 1,731,000 was up 10 per cent from a year ago

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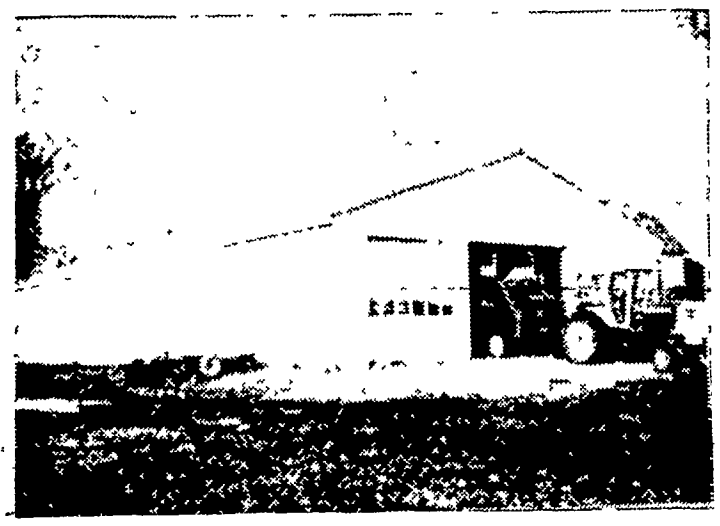
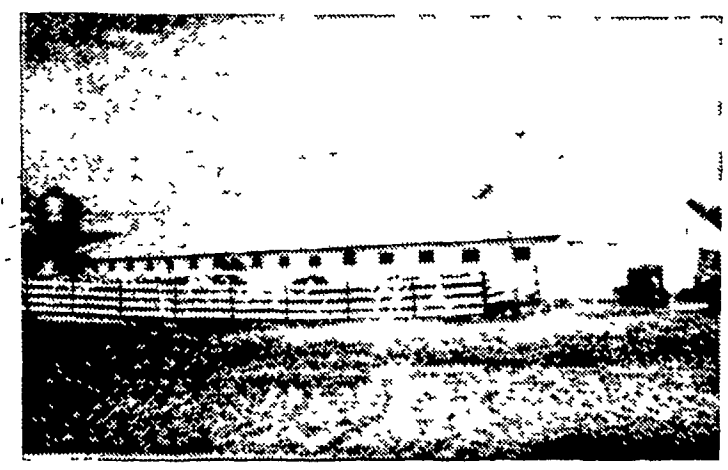
An Agway building to match your individual requirements



Farm equipment represents a growing investment. Keeping it in "ready-to-go" condition calls for the proper shelter to aid your maintenance program. Agway has the layout and size to match your equipment storage requirement . . . and the door design to give you the accessibility you want.

Agway functions as the general contractor, taking the entire burden off your shoulders and allowing you to concentrate on what you know best — your own business. Under this system, you have only one person to deal with: Agway Shown above is a construction supervisor, who makes sure your building is erected according to plans.

The tested construction techniques Agway has perfected for farm buildings are also an economical way to provide space for many commercial operations, such as garages, repair shops, warehouses. freight sheds.



The first criteria of the Agway building is meeting your operational objectives, whether it is a livestock shelter or a utility building. The second benefit assured by Agway building service is the combination of quality materials and tested construction technique that will assure a trouble-free building for generations

Send coupon for more information on buildings

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Ask for Fred Kerlin or Harold Kinsey

Farm Systems Salesman

Arnold Lueck, associate Lancaster County agent, examines one of 49 varieties of sweet corn grown at the Penn State Research farm near Landisville. The varieties mature at different dates and some will be in the peak of production when local farmers and gardeners stop by August 5 for the field day, according to Lueck.

Research Farm Sets Field Day August 5

Corn, forage crops, soybeans, tobacco and home garden crops will be among the key attractions at the Field and Vegetable Crop Day Next month at the Penn State's Southeastern Field Research farm near Landisville

Farmers and gardeners interested in observing these crops and in learning more about them, including some of the latest research on management practices and varieties, have been invited to attend Three or four Penn State specialists will be on hand to answer any questions and provide information

Two sessions will be held August 5 from 1 to 4 p m and 6 30 p m till dark

John Yokum urged all farmers to take advantage of research work done on the farm He noted that tobacco will be just ahead of harvest, some varieties of sweetcorn will be ripe and information will be available on other varieties and musk melons will be well along Valuable information on many other crops will also be available for the asking, he said

● New Holland

(Continued from Page 2)

Holstein 425-775 Guernseys 175-250; Other breeds 275 350 Bulls 210 280, Heifers 305 395

HOGS
July 13, 1970

Receipts of 1436 hogs sold steady Retail 27-28 Heavyweights 23-26 50, Wholesale 2, 3, 4s 26 50 27, Sows 16 50 18 25 Boars 16 50-18 25

CALVES
July 13, 1970

Receipts of 104 calves sold steady Choice and Prime 47 53 Good and Low Choice 43 46 50, Standard 35-42 50, Common 25 34 50.

HAY
July 13, 1970

Six loads of new hay sold as follows Timothy 36 50 Clover 31 00 Mixed 30-40

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It Pays
Classified —

Farm Calendar

Sunday, July 19

National Farm Safety Week July 19 25

12 30 p m — Farm Women Society 3, annual family picnic, Walters Park, near Hopeland

Tuesday, July 21

10 30 a m - 3 p m — Holstein Association Field Day, Curtis Akers Farm, Quarryville RD1

8 p m — Farm and Home Foundation Board of Directors, Farm and Home Center

Thursday, July 23

9 a m — Manheim Young Farmers summer picnic, New Holland Park

10 a m - 2 15 p m — State Livestock Field Day, Penn State University

4 p m — PP&L's Farm Leaders Workshop Pine Grove

Saturday, July 25

4-H County Round-up

Atlantic Breeders Schedules Gala Day at Lancaster Aug. 5

The 1970 "Atlantic on Parade" day August 5 at Lancaster headquarters of the Atlantic Breeders Cooperative offers tours, exhibits, delicious barbequed chicken dinner, attractive facilities, latest information, contests, games, and prizes for dairymen and their families.

Also two new highly-proven Holstein sires will be unveiled to members

Technicians are now selling $1 tickets for the noon meal, plus an additional charge for those who plan to travel to Lancaster on an organized bus trip

An interested dairyman should notify his Technician now to have a trip arranged

Directions to headquarters are printed on the back of each ticket Road construction which forced the cancellation of last year's event is now complete, and outside alterations of the Cooperative's grounds are also finished

The barns, laboratory, and office facilities will be open all day for tours, starting at 10 a m., with exhibits and demonstrations to explain many daily operations A large tent will be erected for comfort during the afternoon program

Special speakers will be Herman Stebbins, president of Atlantic's Board of Directors and manager of Sinking Springs Farm in York County, and Dr L W Specht, Penn State extension dairy specialist

Sinking Springs is the nation's highest producing HIR-tested herd with 50 cows or more for the past two years (1969 ave 21,014M — 800F, 65 rec), and Stebbins will discuss their breeding, feeding, and management program

Dr Specht will explain the importance of sampling young sires and the value of resulting A I proven bulls.

Several breeders of current stud sires will be stationed at various locations throughout the barns to discuss their breeding programs which developed these outstanding bulls This will give breeders an opportunity to ask questions and get personal tips on using these bulls most effectively

The Breeders and their bulls are Robert Bell, Tennessee, 15H131 Samson; John Buckalew, Pennsylvania, 15H103 Ivanhoe Star, A J Celestine, Pennsylvania, 15G103 Atlas, Donald Martin, Kansas, 15H136 Triune; Robert McKown, New York, 15H100 Mookown, George Pretz, Kansas, 15H135 Idol; Chester Walters, Virginia, 15G105 Halyard; Harold Whittier & Tony Kilinskas, Massachusetts, 15H-114 Jack, 15H123 Rocket, 15H-134 Elfac, 15H137 Julian.

Contests will be held with certificates for free first services as prizes, and games will be conducted for children during the afternoon program.

Current information on all Atlantic sires will be available. Breed associations and the Penn State extension service are planning to have exhibits.

Persons attending by, traveling on Pa. Route 230 should exit at Flory's Mill Road and follow ABC signs

Traveling U S Route 30 and exit at Rohrerstown Road, drive north 1½ miles (cross Old Harrisburg Pike), watch for ABC signs

There will be plenty of free parking space on the grounds.

4-H Club Activities

By Dennis Landis
Penn Willow 4-H

The Penn Willow 4-H Community Club took a trip to Longwood Gardens and the Wonderland Wax Museum in the place of the regular meeting Thirty eight members and leaders were present

The Candidates for the queen contest were chosen as follows Pam Martin, Junior Division, and Bev Martin, Senior Division

By Kim Hess
Merri-Maids 4-H

The fourth meeting of the Lampeter-Strasburg Merri-Maids Club was held July 13, at Martin Meylin Junior High School There were 38 girls present with six leaders

Queen candidates were elected as follows Senior Division, Cindy Hess, and Junior Division, Marilyn Landis

A demonstration was given by Julia Metzler, Jane Metzler and Bridget Pierce on a bee design

The next meeting will be held on July 20 July 27 was chosen as the date for roundup and a fashion show for the mothers will be held August 4

By Christine Erb
Elizabethtown-Donegal 4-H

The Elizabethtown-Donegal 4-H Community Club was invited to the Lampeter Park by the Garden Spot Community Club on July 14

There were 25 Elizabethtown-Donegal 4-H members present and three leaders

Scott Livengood gave a demonstration on dogs Refreshments and a baseball game were enjoyed by everyone.

Christine Erb was elected to represent the club at the Posture Queen Contest

The next meeting will be held at the home of Willis Hackman There will be a 10 point program on how to grow 2 200 pounds of tobacco per acre The baseball game will start at 7 30 and the meeting will start at 8 30.

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KILLS INSECTS
THAT SUCK, BITE, CHEW,
LICK OR JUST SIT
ON YOUR PLANTS.

ORTHO Phosphamidon is a great way to control pests on apples, citrus, cotton, walnuts and vegetables

Phosphamidon 8 spray is a liquid organic insecticide that kills a wide range of insects on contact

Phosphamidon is also a systemic Quickly absorbed into plant tissue, it moves throughout the plant parts for continuing protection against major sucking insects and certain chewing insects

It turns plants and trees into traps for aphids, thrips, leafhoppers, fleabeetles, leaf miners, husk flies, and codling moths

Because the protection works inside the plant; it resists being washed away by rain or watering — it lasts longer

Phosphamidon simplifies the whole job of insect control by doing a double-action job against many crop enemies You save on labor, bookkeeping and inventory costs by using only one material to do the protective job ordinarily requiring as many as three.

There's little risk of crop damage with Phosphamidon, and it's tough on insects You'll probably have a much higher top grade yield — at least there's plenty of happy growers who've had that experience

Phosphamidon is water-soluble, easy to mix, and combines well with other sprays Because it's rapidly absorbed in plant tissues it is possible to enter treated areas after 24 hours

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- Horizontal spraying distance 25 ft. and 35 ft.
- Liquid Tanks 2½ gal. and 3 gal.

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By Max Smith
Lancaster County Agent

For a number of years early August has been a popular time to establish new stands of alfalfa in Southeastern Pennsylvania More recently many growers have been successful with an early spring seeding without any nurse crop.

The purpose of this article is to stress some of the recommended practices to prepare for this August seeding, if it is to be made this summer.

The ground should be plowed or disced several times during the month preceding the seeding operation This will kill weeds and get the soil firm before the seeding is made.

Whether the ground is plowed or disced several times makes little difference because the end result should be the same If weeds are a problem, it might be best to plow and then work every week to 10 days

A complete soil test will determine the amount of lime and fertilizer that is needed, these elements should be worked into the topsoil during the soil preparing process It is especially important to incorporate the lime into the soil where it will do the most good.

Certified seed of the preferred variety should be used, inoculation with the proper bacteria is very important prior to seeding

There are many good varieties and growers are urged to study the habits of each, the maturity times, so that all of the alfalfa crop does not mature at the same time This staggering of maturity will permit the cutting of most of the crop at the proper time.

Weed control is essential when seeding without a nurse crop Eptam may be used to spray over the field just prior to planting if no grass is to be seeded with the alfalfa; this chemical must be worked into the soil immediately (10 to 15 minutes) after application Do not use Eptam to control weeds if timothy or orchard grass are to be mixed with the alfalfa

The other method of weed control is to spray the field with 2,4D-B several weeks after seeding when the small weeds are 1 to 2 inches tall (not more), this material may be used with grass legume mixtures

The seeding operation should be with the band seeding method where the seeds are dropped on top of the ground behind the drill and over a band of complete (5 10 5) fertilizer Some machines have a press wheel to press the seeds and soil compactly together for quick germination, if this is not available, then rolling or cultipacking in the same direction as the drilling will help get good germination

The seeding rate recommended at this time is 20 pounds per acre, which is heavier than recommended in the early sixties

The time of seeding depends largely upon the weather conditions during the month of August, because we are interested in quick germination and maximum growth before freezing weather The prime time would be the first 10 days of the month to permit the development of strong plants with good roots before winter

Alfalfa is one of our most outstanding forage crops It has a place on most livestock farms and especially with dairymen

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Take Red Rose 14 Test-Cow Feed, for example. This course-textured all purpose feed can be fed to your milking cows, dry cows, calves and bulls. You can feed it all seasons but it's especially helpful to keep appetites from lagging during warm weather.

Other Red Rose Dairy Feeds are available in many protein levels. Select the one that suits your particular need — and feed with a satisfaction you have never known before!

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H. M. Stauffer & Sons, Inc.
Witmer

Weaver Drivers Win Safety Cash

Victor F Weaver, Inc, New Holland, recently presented 45 of it's truck drivers with safe driving awards totaling $7,862, announced Luke B Sauder, Supervisor of Fleet Safety and Driver Training

Two men, Jay Stoltzfus and Lee Weaver, received special recognition for their five consecutive years of accident free driving Stoltzfus has driven a total of 225,000 accident free miles, while Weaver has accumulated 325,000 miles over the five year period

Seventeen drivers, with a company record of one to four years, received Recognition of Great Accomplishment for their safe driving record

The highest safe driving award accumulated amounted to $381 with an average per driver award of $174 72 However, if all 48 Weaver drivers would have operated accident free for the year, an additional $5,000 could have been collected

Bovine TB Discovered

Discovery of bovine tuberculosis in a Union County dairy herd was reported this week by the Pennsylvania Department of Agriculture

The entire herd of 109 animals will be destroyed and the owner — Dallas Walter, Lewisburg, RD3 — will be indemnified for the loss under a joint Federal-State program. State Agriculture Secretary Leland H Bull said.

"This case emphasizes the need for constant vigilance and surveillance to keep this disease under control," Secretary Bull said

Try A Classified — It Pays

Chester County 4-H Contests Held at Brandywine Grange

The annual Chester County 4-H Demonstration and Public Speaking Contest was held July 1 at the Brandywine Grange Members were divided into two divisions based on age The junior division consisted of members between the ages 9 thru 14 and the senior division consisting of members over 14

The top three demonstrations in the junior division were presented by Wendy Thompson, "Parts of a Flower," Rosalie Mayer, "French Dressing" and Rod Thompson, "Wicks and Wax," all from Downingtown. These members were eligible to compete at the Regional Contest at the Owen J Roberts High School July 15

Also eligible to compete in the Regional contest from the senior division were: Cindy Tompkins, Kennett Square, "A Wacky Cake"; Ann Minshall "Let's Have a Party" and Bob Minshall, "The Camera Does Not Lie", both of Kaolin; Marjorie Pyle, "Salads and Science Go Hand in Hand, and Debbie Roens, "Drug Abuse in the Horse World", both of Phoenixville; Richard Thompson, Downingtown, "To Tag Is My Bag"; Beth Hutchison, West Grove, "Homes Away From Home", Jennifer Riggs, Paoli, "For the Want of a Nail the Shoe Was Lost" and Eric Scheib, Kimberton, "Poisonous Plants."

In public speaking Anne Lucas of Downingtown presented the subject "Conservation (Our Role in Public Affairs)." She was also eligible for Regional competition.

Other participants in the Junior Division were from Downingtown, Joe Kessel, Eric Lucas, Patty Zavitz and Jimmy Fehr; and Holly Scheib, Kimberton

Participating in the senior division were Ellin Rogers Melanie McCartney, Jean Abel, all from Phoenixville, and Pat Yarnall, Oxford Kay Minshall and Dot Minshall of Kaolin participated in the junior division public speaking contest.

Winners at the Regional contest will be eligible to participate in the state contest on August 11 at the University. This 4-H activity is sponsored by the Cooperative Extension Service of Chester County and The Pennsylvania State University.

Lancaster Co. Conservation District To Compete in 24th Goodyear Program

Lancaster County Soil and Water Conservation District will compete in the 24th annual Goodyear Soil Conservation Awards Program to select the nation's top 53 conservation districts, according to Aaron Sauffer, Ephrata, district chairman

The district's activities and accomplishments will be measured against the performances of other districts in the state in determining the first and second place winners in the annual competition sponsored by The Goodyear Tire & Rubber Company. An independent judging committee of agricultural leaders will select the state winners for the calendar year 1970.

Grand award for the first place district will be expense-paid, vacation-study trips to Arizona for the outstanding landowner-cooperator and one member of the district's governing board. They will be guests, along with representatives of the winning districts in other states, at the 10,000-acre Goodyear Farms and The Wigwam, resort hotel, in Litchfield Park, Ariz, in December, 1971.

Lancaster County district has participated in the awards program two times.

District supervisors are Amos Funk, Kenneth Depoe, Henry H Hackman, J. Everett Kreider, Robert K Mowrer, Aaron Z Stauffer, and Abram Dombach.

Stauffer said the district's outstanding cooperator for 1970 will be selected from the more than 1,500 land owners enrolled in the district program.

Nationally, more than 2,000,000 individuals and companies have signed cooperative agreements with the 3,000 local soil and water conservation districts.

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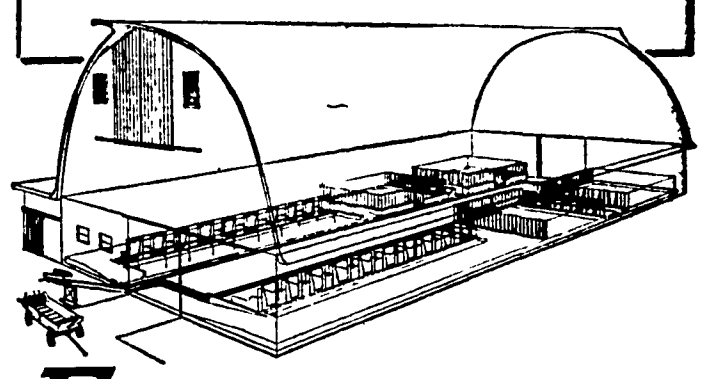

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*Manufacturer's estimate

Pa. Convention Report From Manor FFA

By Glenn Newcomer
Manor Chapter Reporter

Five Manor FFA Chapter members received recognition in connection with the state contests at the convention at Penn State recently The five, shown left to right, and their awards are as follows:

Bill Landis, chapter president for the coming year, a bronze medal in dairy products.

Clyde Erb, a silver medal and a trip to Springfield, Mass. for placing sixth in poultry judging

Dennis Landis, a gold medal and a two to three day trip in or near Pennsylvania, for his work in the machinery adjustment and farm power contest.

Carl Erb, honorable mention in the livestock contest.

Dave Gerlach, a silver medal for placing 19th out of about 170 contestants in livestock judging.

Other members who represented Manor Chapter at FFA Week were: Jeff Fry, band; Dan Ressler, livestock; Ken Witmer, livestock; Mark Wagner, poultry, Tom Benner, dairy; Glenn Newcomer, livestock, and Paul Charles, dairy.

The FFA members from Manor enjoyed their trip to Penn State They enjoyed not only the judging contests but also the other events including demonstrations tours, evening program and swimming.

Animal By-Product Use

Food technologists have developed a process to convert animal by-products into edible meat protein concentrate for human consumption

The high quality, tasteless, odorless product is made from liver, spleen, heart, stomach, kidney, viscera, blood, bone.

Analyzed at 75 to 80 per cent protein, it would effectively supplement cereal grain diet of many of the world's malnourished. Similar fish protein supplement already is in use

Animal by-products would add greatly to availability of much-needed protein. An estimated 16 billion pounds of such products are now used for animal feed and could be processed for human consumption

Three Lancaster Co. Girls Win Regional 4-H Contest

Three County 4-H girls have won the right to compete in state 4-H Demonstrations in August.

The three were winners in the Senior Division at 4-H regional contests Wednesday at the O. J. Roberts High School, Chester County.

A team of Nancy Yunginger and Cindy Hess took first honors for their livestock conservation demonstration

Cindy Smith was also a winner for her bread making presentation called "Flip Your Lid"

Nancy is the daughter of Mr and Mrs Richard Yunginger, Marietta RD1, and her partner, Cindy, is the daughter of Mr and Mrs Richard Hess, Strasburg RD1.

Mr. and Mrs Grant Smith, Ephrata RD2, are the parents of Cindy Smith.

In the Junior Division, Lancaster County girls took two blue ribbons. They are Miss Judy Risser and Miss Debbie Patschroke. These winners do not continue to state competition

Judy's demonstration was "Herbs — Spices of Life" She is the daughter of Mr and Mrs Allen Risser, Leola RD1

Debbie won for her African violets presentation She is the daughter of Mr. and Mrs Walter Patschorke, Lititz RD2

The girls were in competition with 250 4-H'ers representing the 13 counties in Scutheastern Pennsylvania

New York To Establish Strong Bird Inspection

The U.S Department of Agriculture recently announced that it has completed a cooperative agreement with New York which will provide the basis for establishing a strong Federal-State poultry inspection program in the State

USDA's Consumer and Marketing Service signed an agreement with New York under the Wholesome Poultry Products Act of 1968 to extend inspection to interstate poultry processing plants

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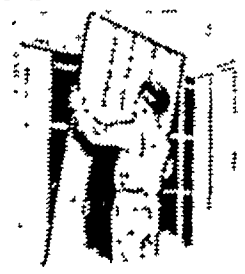

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90-lb. Slate	3.29 roll

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3/8" 4x8 Dry Wall	$1.28 ea.
3/8" 4x10 Dry Wall	$1.60 ea.
1/2" 4x8 Dry Wall	$1.44 ea.
1/2" 4x12 Dry Wall	$2.16 ea.

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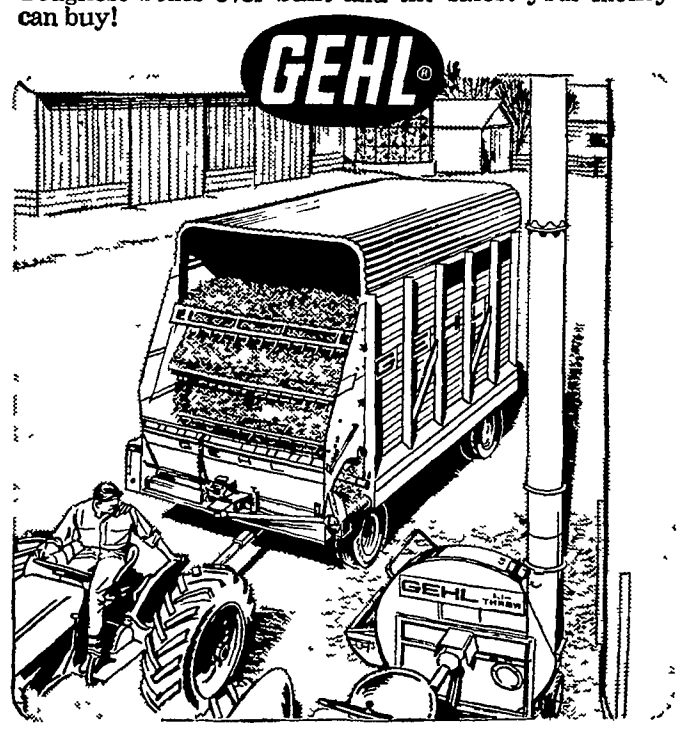

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Selenium Deficiency Explained

One pound in 5,000 tons of feed—this is the small amount of the element selenium necessary to prevent certain diseases in both livestock and poultry.

Each year Penn State's Animal Diagnostic Laboratory encounters what are termed "selenium-responsive" diseases—cases that could have been prevented or treated with selenium, reports David C. Kradel, assistant professor of veterinary science at Penn State.

White muscle disease, also called stiff lamb or stiff calf disease, is the most common "selenium-responsive" disease encountered. This condition, as suggested by its name, affects the muscles of lambs, calves, foals, pig, and chicks. These young animals become stiff, are reluctant to move, and may be unable to rise. Many develop a complicating pneumonia prior to death

Such diseases may be controlled in several ways.

Grains and certain feed mill supplements produced in the prairie states, an area of high soil selenium content, are adequate or high in this element When these products are mixed with ingredients grown in selenium deficient areas, a feed with adequate selenium usually results.

Because the amount of selenium needed depends in part on certain other nutrients, additional supplementation with vitamin E, methionine, or high quality protein may be practical under some circumstances.

Injectable products — some of which contain both selenium and vitamin E—are available for use in livestock and afford practical control in many situations. Injections should be given only on recommendation of a veterinarian.

A survey of Pennsylvania forages and grains, some of which came from farms with "selenium-responsive" diseases, has shown these to be low or borderline in selenium content. This correlates with selenium deficient soil areas found in the northeastern states and the Pacific northwestern states The plant analyses were done by Dr W. H Allaway of the U.S D A Plant Soil and Nutrition Laboratory, Ithaca, N Y.

One form of white muscle disease destroys portions of the heart muscle and young animals may be found dead without prior signs of illness The heart form is observed in thrifty, rapidly growing hogs.

Because of the red hemorrhages in the heart muscle, the condition is called mulberry heart disease

Affected pigs usually weigh between 100 to 150 pounds and often are found dead without prior signs of illness. One or more hogs may die over a several day period and then losses cease as suddenly as they started.

Selenium deficiency has been associated with a disease of hogs primarily affecting their livers and called hepatosis dietetica. In fat beef cattle this is known as "sawdust" liver, a cause for liver condemnation at slaughter. Baby chicks may be afflicted with encephalomalacia, a degenerative brain condition, or with fluid accumulation called exudative diathesis.

Also associated with selenium deficiency are certain cases of unthriftiness in lambs and calves, "tying up" in horses, and a type of infertility in ewes and possibly cattle. Many of these diseases have been observed in Pennsylvania.

Kradel pointed out that although these conditions result from a selenium deficiency, this is an over-simplification of a very complex problem.

Research and field observations have shown that these diseases occur only when a certain combination of numerous interrelating soil, plant, animal, and environmental factors is present. Often scientists are at a loss to precisely define the necessary combinations

ACF Produce Trading License Is Suspended

The produce trading license of ACF Produce, Inc., Newton, Pa., has been suspended under the Perishable Agricultural Commodities Act, effective June 1, for failing to pay a reparation award of $1,425, the U S Department of Agriculture reported recently

Officials of USDA's Consumer and Marketing Service said the firm and its officers, directors and stockholders—Celeste Ferri, Angela M R Piro, and Mary Piro Ferri—are not entitled to conduct business subject to the PAC Act until the reparation award is satisfied and the license suspension is lifted. They cannot be employed by another PACA licensee without USDA approval.

C&MS officials said a produce shipping firm in New Brunswick, Canada claimed that the Pennsylvania firm had failed to pay for a truckload of potatoes. The Pennsylvania firm was advised of the complaint, but did not answer the charges USDA's Judicial Officer ordered payment of the full amount claimed due.

The produce trading license of Johnie Stanley Banana Co., Inc., 708 E. 2nd St., Huntington, W Va., has been suspended under the Perishable Agricultural Commodities Act for failing to pay a reparation award of $6,911, the USDA said

C&MS officials said a Winston-Salem, N.C. produce firm complained that the Huntington firm had failed to pay for three truckloads of bananas purchased. The Stanley firm was advised of the complaint but did not answer the charges. USDA's Judicial Officer ordered payment of the full amount claimed due for each transaction.

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Lunch available

Bradley L. Sollenberger

Sollenberger Is Vo-Ag Teacher at Pequea High

Bradley L Sollenberger has assumed duties as teacher of Vocational Agriculture on July 1 at Pequea Valley High School Kinzers RD1

Sollenberger was born and raised on a 240 acre dairy and hog farm in Martinsburg, Blair County In high school he was a member of the Central Cove Chapter of FFA and served as vice president and treasurer

On June 14, 1969 Sollenberger was graduated with a BS in Agriculture Education from Pennsylvania State University In college he was vice president of the Collegiate Chapter of FFA and a member of Alpha Tau Alpha, an honorary society for Agriculture Education majors

Last year Sollenberger was employed as vocational agriculture teacher at Boiling Springs High School in Cumberland County

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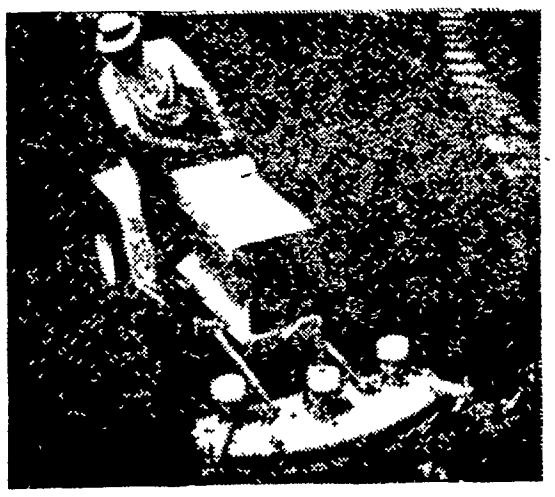

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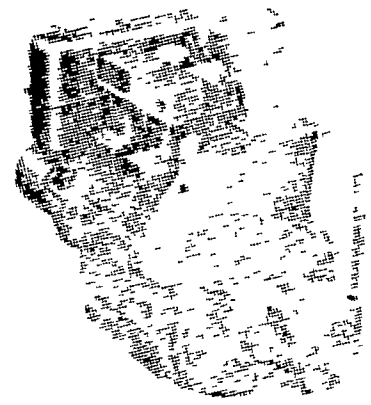

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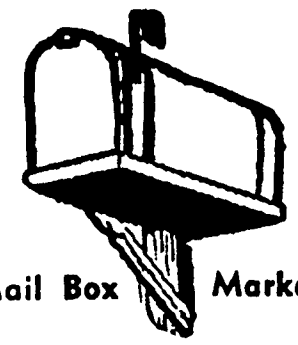

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For Sale — Chihuahua puppies 6 weeks old. Also 2 females, 1 year old. Phone 717-733 6074

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For Sale — Chihuahua pups, 7 weeks old. Daniel K. King, RD3 Quarryville, Pa.

Sale Register

WED. JULY 22—10 A.M. Public Auction of New & Used Farm and Industrial Equipment at Emigsville, Pa. Phone 717 764-6412.

THURS. JULY 23—12:30 Noon P.B. Guernsey Milking Herd and Bred Heifer Dispersal (Forest Preston II, Oxford, Pa. Owner) At the Ass'n. Sales Pavilion, 6 mi. E. of Lancaster

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37 HEAD — 17 Registered and 15 Grade Cows — 2 Registered and 3 Grade Bred Heifers.

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20 fresh or due the last half of this year. All are sired by bulls from ABC or are in service to such bulls.

The herd is young and of pleasing type and in very good physical condition. Mr. Preston is forced to sell on his doctor's advice.

There are some very good potential foundation cattle to be had at this sale, probably at very reasonable prices. No records are listed.

There will probably be some additional consignments.

SALE MANAGED BY:
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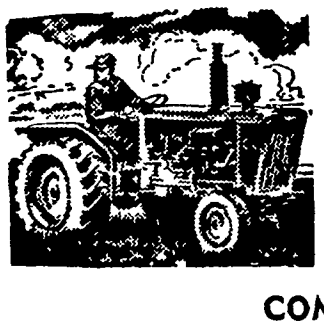

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FRI. JULY 24 — 12:30 O'clock Rockwell's Dairy Cattle Auction located at the farm, 3 miles west of Troy, Pa. Bradford, Co. 72 Head Selected Holstein Cattle. D. O. Rockwell, Troy, Pa., owner.

FRI. AUG. 14—6:30 P.M. 3 bedroom concrete block bungalo with frame attached laundry, bath and garage with 12x21 frame barn, 9x13 pony shed. Located 3 miles Northwest of Terre Hill on E. Pieffer Hill Road in Brecknock Twp. on Rt. 897 at Fivepointville. Turn West on Fivepointville Road to E. Pieffer Hill Road. Terms by John E. Peters

WED. AUG. 19—9 A.M. Martin's Sale Barn, Blue Ball, Pa. Full line of farm equipment. This will be the last sale for 1970. We sell on commission. Terms by Paul Z. Martin. Ph. 717-354 6671.

MON. AUG. 24—Shalco Collpssal Vacation Sale, Minatare, Nebraska.

FRI. NOV. 6—Colossal Bull Event, Sugar Loaf Farms, Staunton, Virginia.

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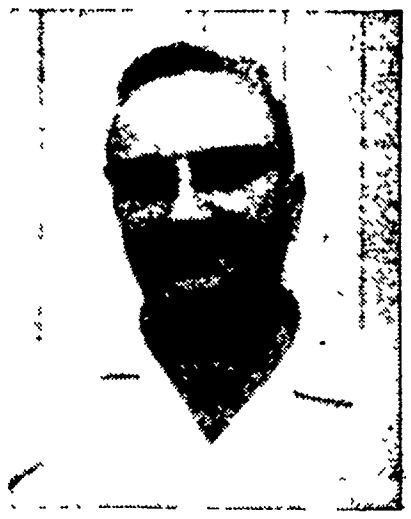

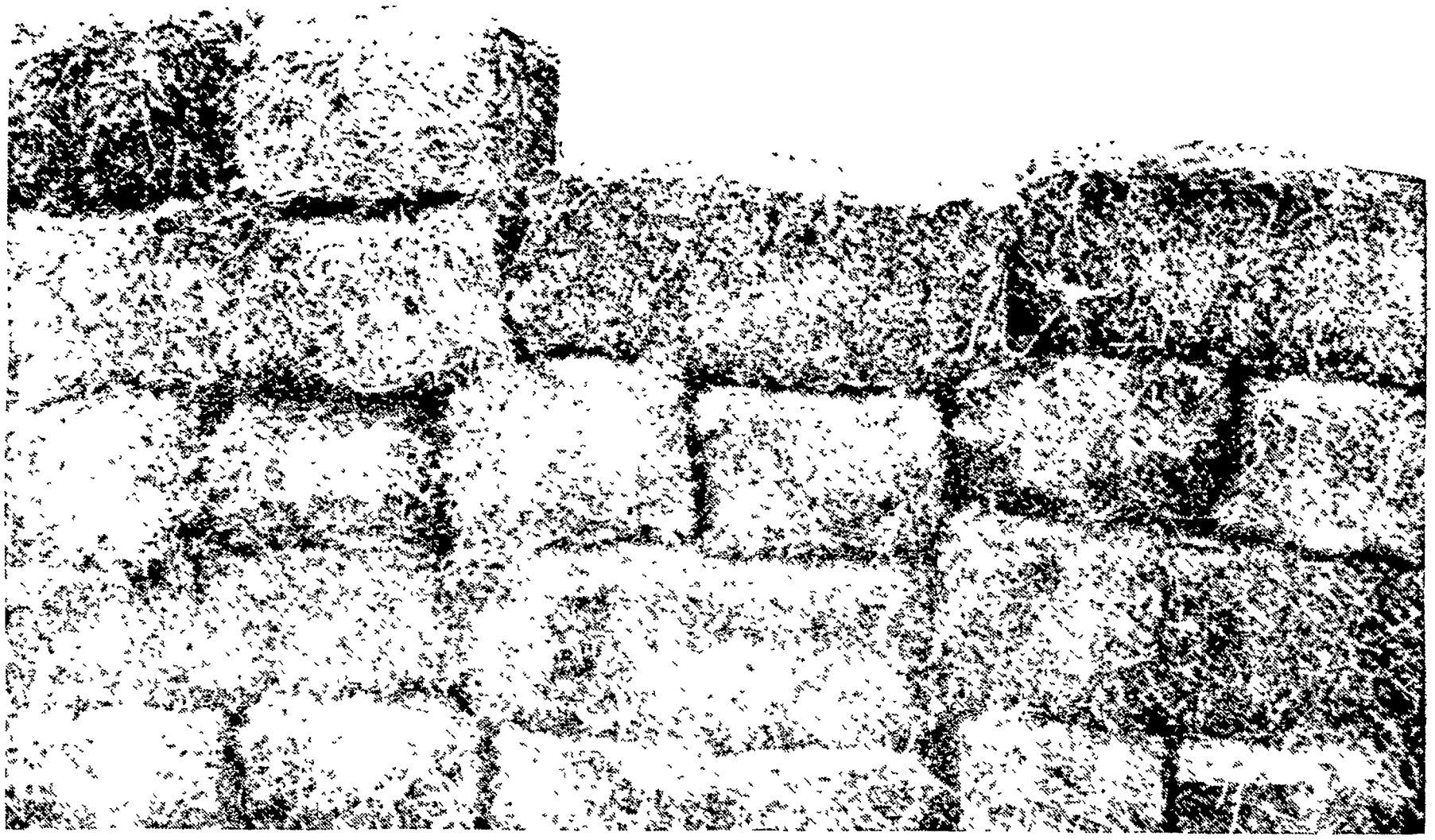

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But Tourists Find Good, Relaxed, Rural Living

Guest Farm Operator on the Go

By Mrs. Charles McSparran
Farm Feature Writer

There's a brochure floating around Lancaster County tourists' centers and attractions which reads "The Green Acres Guest Farm" and "The Country Home Antique Shop", Mount Joy RD1

These are only part-time, extra curricular hobby jobs of Mrs Wayne (Yvonne) Miller who lives on Pinkerton Road, southwest of Mount Joy, reached by driving west from Lancaster on route 230 and just before entering Mount Joy, turning left on Longenecker Road

Her full-time job is being a very efficient farmer's wife and homemaker for her husband and four children Other part-time jobs include being a part-time florist's helper for Ruhl's in Mount Joy, interior decorator, paper-hanger, painter and furniture refinisher for their home, seamstress, farm hand and merchant

Mr. and Mrs Miller have owned and lived on this 160 acre farm for the past 10 years and prior to that Wayne's parents, Mr and Mrs Henry Miller, owned and lived there for 30 years Wayne was born and raised there His parents now live in Landisville and Wayne's 93 year old grandmother lives with them

Millers finish 150 steers a year and farrow 40 sows The pigs are predominately white, being three-way crosses of Yorkshire, Duroc and Hampshire

Millers formerly grew 30 acres of tobacco but this year will grow 16 acres as they are enlarging the swine and guest farm enterprises Mrs Miller helps plant, harvest and strip the tobacco

They grow 90 acres of corn which is put in the silo for feeding the steers He buys corn for them and commercial feed for the hogs

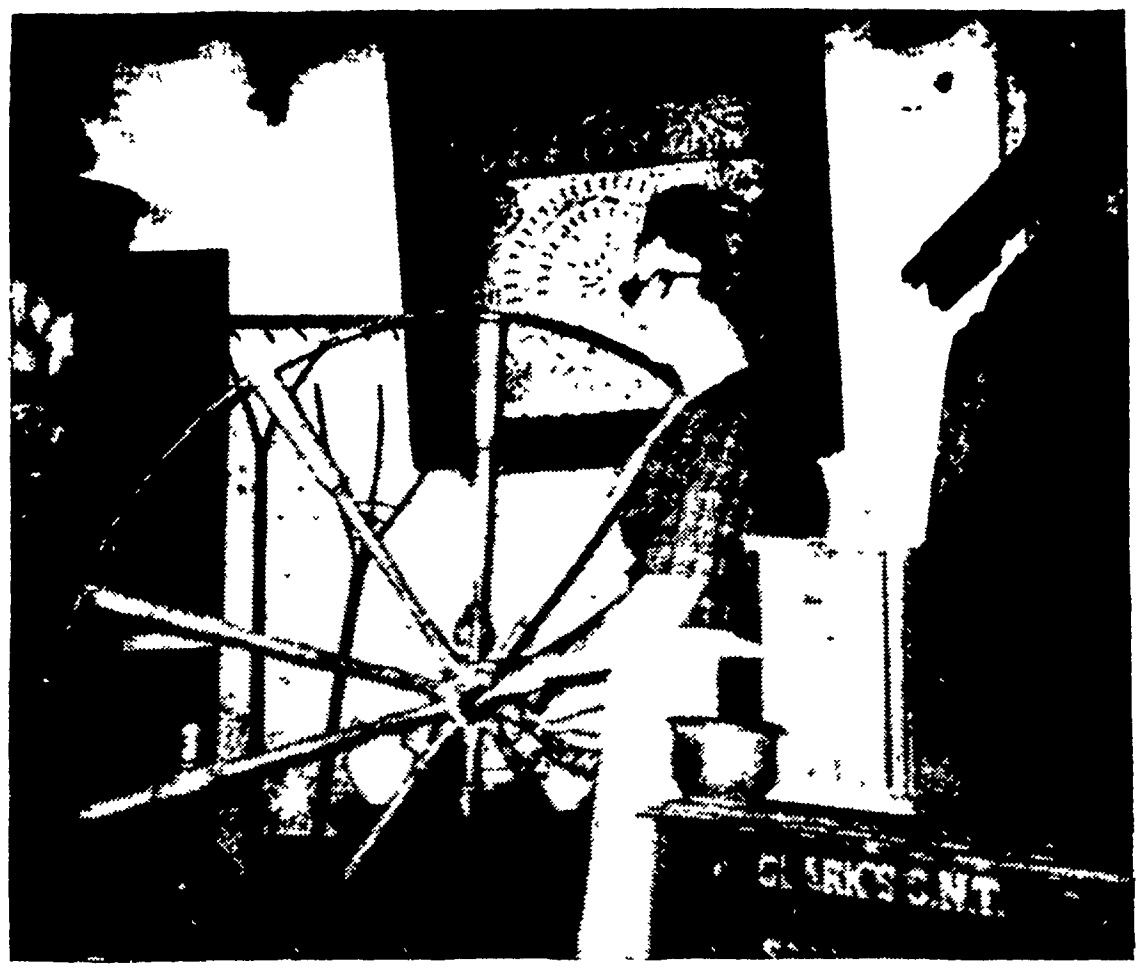
They grow some hay and have a two acre nut grove which Mrs Henry (Barbara) Miller planted In it they have English walnuts pecans, chestnuts, almonds, shellbarks and butternuts

Even the children are interesting and ambitious future farmers and help with the farm chores and have their own projects

The three oldest children go to Elm Tree School Barbara is in fifth grade, Eddie in fourth and Dwight in third Quentin is one and a half years old They have chickens, ponies, dogs, sheep and rabbits which are a real delight to the guests' children who visit there They also have a half acre of tobacco for themselves this year

Barbara, who is 10 years old,

(Continued on Page 22)



Mrs. Miller, her hands on an old spinning wheel, stands among some of the antiques in her basement Antique Shop. The hanging pie safe in the background is an unusual piece. In the foreground are a little preserve or lard crock, a candle mold and a pie board on top of the old spool cabinet.

Group leaders at the tenth Summer Youth Institute of the Pennsylvania Association of Farmer Cooperatives at Bloomsburg State College July 12-16 discuss responsibilities with Daryl K. Heasley, right, extension rural sociologist at Penn State University, program chairman.

From left are. Jeffrey Risser, Leola RD1, and Clark Stauffer, Ephrata RD1.

The institute delegates, sponsored by the Lancaster Council of Farmer Cooperatives, were chosen to participate in conference activities on a competitive basis

They are among 200 youths from 46 Commonwealth counties and parts of New York State and New Jersey attending the educational convention sponsored by P A F C and the Penn State College of Agriculture

Lancaster Farming

SECOND SECTION

USDA Recommends Against 18-Cent Order 2 Class II Milk Price Drop

The U S Department of Agriculture has recommended against any change in the Class II (manufacturing) milk price in six northeastern Federal milk markets

The six markets are Massachusetts - Rhode Island - New Hampshire, New York - New Jersey, Washington, D C, Delaware Valley, Connecticut, and Upper Chesapeake Bay

The decision is based on testimony presented at a public hearing in New York, New York, April 6 14

The principal proposal, made by the four major cooperatives in the New York - New Jersey (Order 2) market, would have reduced the Order 2 Class II price level by 18 cents, eliminated the present authorized maximum 10-cent per hundredweight bulk tank service charge, and announced the class and blend prices as f o b farm prices.

Another proposal made by cooperatives in the other northeastern markets would have adjusted the Class II price level under the other five northeastern orders to the extent of any adjustment to the Order 2 Class II price level

Other proposals considered at the hearing also were denied These included a proposal to reduce the Order 2 Class I price level applicable to milk sold in the State of New Jersey and a proposal to classify cream as a Class II product rather than Class I as presently provided

The recommended decision was slated to appear in the July 10 Federal Register, and exceptions or comments may be filed up to July 25 Two copies should be submitted to the Hearing Clerk, Room 112-A, U S Department of Agriculture, Washington, D C 20250.

Copies of the decision are available from the market administrators of the six markets, or from the Dairy Division, Consumer and Marketing Service, U S Department of Agriculture, Washington, D C. 20250

Remove Old Flowers

Remove flower heads of lilacs, early-flowering rhododendrons, peonies, and similar plants immediately after their blooming periods, suggest extension floriculturists at The Pennsylvania State University

Atglen Farmer Takes Two Suffolk Titles

Joseph P Wentz of Atglen won two breed grand champion titles in the 22nd annual Keystone Stud Ram and Ewe Show in the Farm Show building, Harrisburg Friday, July 10

Wentz' Suffolk ram lamb born Nov 8, 1969 was first in that division and his ewe lamb born Nov 18, 1969 captured the other grand championship

Wentz' only other entry, a yearling ewe, was third in its division.

Mr. and Mrs. Clyde Brubaker, 2418 Harrisburg Pike, Lancaster took a second with a Hampshire yearling ewe An other Brubaker yearling ewe was fourth in class, a yearling ram was fourth and a ewe lamb was fifth

Robert R. Buch of Ephrata was third with a Hampshire ram and fifth with a yearling ewe

Mr and Mrs Robert D Herr of Nix Besser Farm, Narvon RD2, was fourth in the Dorset yearling ewe competition.

Schwartz Is Assistant Chester County Agent

John H Schwartz has been appointed assistant county agricultural agent in Chester County, Penn State extension service has announced

A native of Adams County, Schwartz prepared for college at Gettysburg Area High School and earned his bachelor of science degree from Penn State in 1970, majoring in agricultural education

In college, Schwartz was a member of the FFA Chapter, Campus 4-H Club, Agricultural Student Council, and crops judging team He is a member of Gamma Sigma Delta, agricultural honor society, Delta Theta Sigma social fraternity, and Alpha Tau Alpha, agricultural education honorary fraternity

He is working in the Southeast Extension Region supervised by Marion R Deppen, assistant director In Chester County he is associated with County Agent Robert A Powers and Glenn A. Shirk, associate county agent, with offices in the Courthouse, West Chester

Control Flies

Sanitation is still the most important factor in effective house fly control programs, according to extension entomologists at The Pennsylvania State University.

Across the Editor's Desk

Circular Irrigation

The USDA reports that farming in circles to take advantage of the center pivot irrigation system is quite common in the Great Plains Each circle is generally about 130 acres

The machines, which carry the irrigation pipe in a circle like a spoke in a wheel, reportedly work well on shallow sandy soils with high water intake and are good for farmers who have no access to surface water but who do have good ground water The system works well on rough terrain and is adaptable to sloping ground

One system can be moved from field to field

Cost of a 140 acre system runs from $17,000 to $25 000 for a self propelled system, including well pump and motor and pipes Despite the high cost the systems are reported growing, largely because of the savings in labor and other costs in comparison with other systems

Perhaps the system isn t suited for Southeastern Pennsylvania which is noted for relatively small farming units and good growing climate but it does show how technology is making it possible for some areas, which don't have the basic assets of nature, to compete in agriculture

The overwhelming importance of the irrigation systems to some farmers in the Great Plains is shown by this fact: The University of Nebraska experiments got 178 bushels of corn and nearly 1,000 pounds of grass per acre, when the center pivot irrigator was used Test fields that were not irrigated yielded no grain

Tobacco to Eggs

From the June Poultry Tribune Weary of fighting the uncertainties of tobacco farming, some Lancaster County, Pennsylvania Amish farmers are shifting their cash-crop emphasis to eggs

New housing in the Amish area will account for about 100 000 layers according to one observer

He adds that expansion would be considerably greater "were not the normally conservative Amish concerned with the high interest rates on construction capital"

A typical Amish cage house holds 6,000 to 7,000 layers All chores are performed manually with some exceptions where generators are used to provide water, and sometimes lights

Density is somewhat less than in conventional buildings since most Amish cage houses are ventilated only by windows and slots —no fans Again, some exceptions

Ag Chemicals Program

The National Agricultural Chemicals Association has launched a consumer communications program to inform the American public about "the contributions of agricultural chemicals to our society, and the deep and abiding commitment of our industry and the agricultural community to safe use of our products in the public interest"

Reading Fair Open July 17

The gigantic Reading Fair — the fair with 'family-arity — began Friday night, July 17, and President Lindy Vicari has arranged an attractive free entertainment package

The Fair will conclude on Saturday, July 25 and, for the first time, two nights of modified stock car racing have been included in the no charge menu

The modifieds started Friday July 17, and will return on Friday July 24 In past years there was an extra charge for the modifieds by that has been dropped this year

The list of free events includes an appearance by vocalist Buddy Greco with the Stan Kenton Orchestra and that's first-rate entertainment in any book or at any fair

Also in the free category will be the Buck Owens Show with Susan Raye and the Buckeroos two afternoons of harness racing the Joie Chitwood Auto Thrill Show the Miss Reading Fair Pageant combined with a rock revival the Pennsylvania Dutch Classic motorcycle races, ARDC midget auto races and The Brooklyn Bridge and Martha Reeves and the Vandellas

And there will be a special appearance of the Cowtown Rodeo This will be a regular rodeo and not a wild West show

Preliminary judging in the Miss Reading Fair Pageant was held on July 14 with the finals July 20

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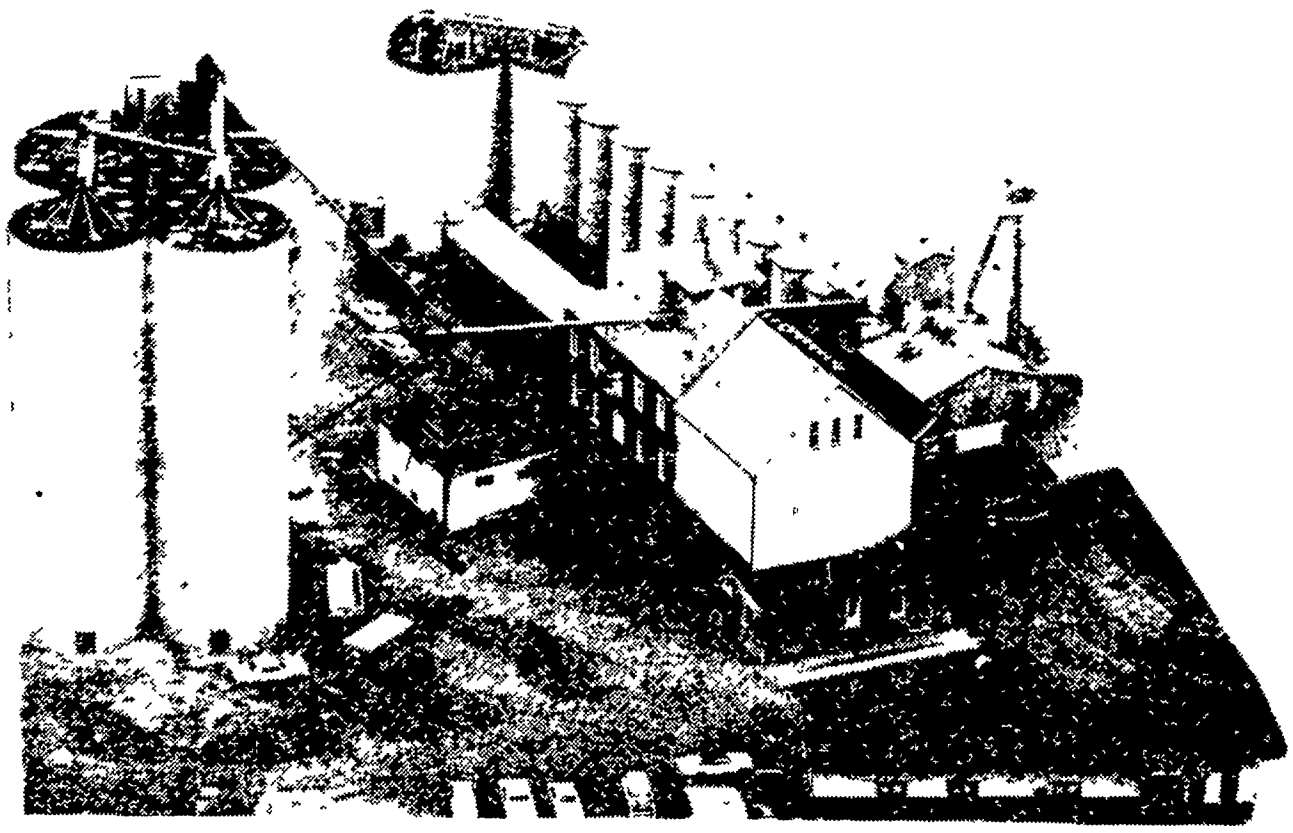

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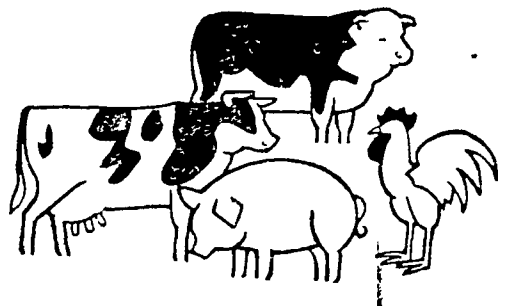

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5 lb. box $2.29

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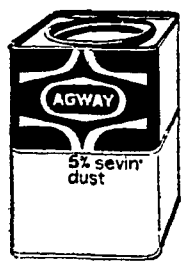
Dust containing Captan, Sevin or Methoxychlor, and Malathion Will effectively control most vegetable insects and diseases in the home garden Apply every 7-10 days Most useful in controlling aphids

1 lb. can $ 1.29

4 lb. can $ 2.95

25 lb. can $14.75



5% SEVIN DUST

For ornamentals, vegetables, fruit. turf, to control a large number of insects It's relative safety and permissible close use to harvests makes it a favored insecticide Not especially effective against aphids

4 lb. can $2.19

1% ROTENONE DUST

Safe to use on flowers shrubs and vegetables for control of a wide range of insects Can safely be used right up until harvest time Rotenone is harmless to humans and pets Used to control fleas and ticks on dogs 1 lb dust will treat approximately 400 feet of row.

1 lb. can $ .85

4 lb. can $2.19

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Potatoes, tomatoes and celery for blight control Apples for bitter and black rot Peach leaf curl Strawberry leaf curl. Gray mold in Iris, Peonies, Dogwood blight, etc

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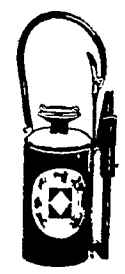

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4 lb. can $2.39

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95% Sulfur which can be sprayed or dusted for prevention of diseases on fruits, flowers, evergreens Spray 4 tbsp per gallon of water

5 lb. can $2.59

FRUIT SPRAY

Recommended for controlling many common diseases and insect pests of home gardens, fruit plantings flower gardens and ornamental shrubs

1 lb. can $ 1.98

4 lb. can $ 4.95

25 lb. can $28.95

Agway

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Cereal Leaf Beetle Attacks Oats in Western Pennsylvania

The cereal leaf beetle, newest insect pest in Pennsylvania agriculture, seems to be confined mostly to fields of oats, according to Dr Arthur A Hower, Jr, entomologist with the College of Agriculture at Pennsylvania State University

Crops such as wheat and corn seem to escape harmful feeding by this cereal leaf beetle

While the cereal leaf beetle is found throughout Pennsylvania, damage to oats was not serious last year However, beetle populations causing economic damage have been detected this year in a few oats fields in western Pennsylvania.

In 1967, adult beetles were collected in four western counties The next year the beetles had spread to 12 adjacent counties, thus infesting the western third of the state By 1969, the beetles had spread throughout the Commonwealth

Loss of foliage is the major cause of reduced oats yields. Studies suggest that one larva devours 20 per cent of a stem. One larva per stem can reduce oats yield by an average of 3.2 bushels per acre A 1969 survey in Western Pennsylvania found that fields in general averaged 1 to 15 larvae for each stems.

The beetles live over the winter as adults in stubble, hedgerows, and wood lots They emerge in Spring and move to newly seeded oats crops Eggs are laid on oats leaves in May The eggs hatch in late May and early June. Larval abundance reaches its peak in mid June Larvae pupate in the soil and emerge as adults in early July and feed until Fall.

As for controls, Dr Hower says foliar sprays are very effective against the larvae of the cereal leaf beetle Granular insecticides have likewise proved successful in control programs

4-H Club Activities

Penn Manor Kooks

Kookie Kooks
by Linda Sickman

The Penn Manor 4-H Kookie Kooks held their third meeting in the home economics room of the Junior High School on Wednesday, July 8

Judy Thomas and Linda Smith will represent the club as Senior and Junior Queen respectively in the county and state contests

The first year girls made cinnamon toast and cocoa and the second, third and fourth year girls made peach and pineapple upside down cake

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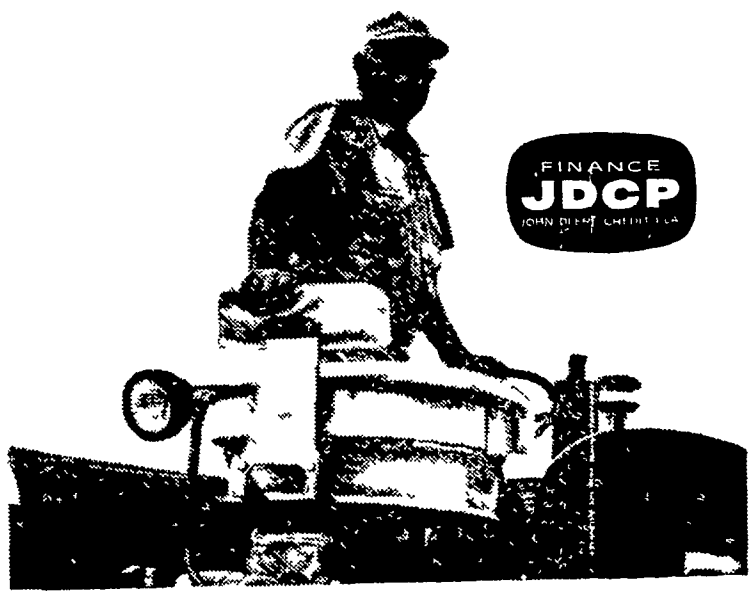

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Wine Grapes Possible Here

Climatic conditions in several localities in southcentral and southeastern Pennsylvania seem quite favorable for growing wine grapes according to studies by the Agricultural Experimen. Station at Pennsylvania State University

Carl W Haeseler pomologist, reports his findings in a new publication entitled "Climatic Factors and the Potential for Wine Grape Production in Several Areas of Pennsylvania Issued as Progress Report 303, it describes climatic factors in Bethlehem Gettysburg Lancaster, York George School, and Philadelphia areas — as well as the prominent grape growing belt along Lake Erie in Erie County

Dr Haeseler finds that fruit growers of Pennsylvania are taking a close look at their potential for producing wine grapes He prepared the statewide analysis as part of his studies of wine grapes His office is located at the Erie County Field Research Laboratory at North East a division of Penn State

"It is evident from our analysis that there are areas in southcentral and southeastern Pennsylvania which should be investigated more thoroughly in terms of suitability for growing wine grapes Dr Haeseler states

Interest in producing wine grapes has grown with the passage in state legislature of a bill permitting sale of table wine at the winery The bill permits the sale of table wine at the winery provided annual wine production by a given winery does not exceed 50,000 gallons per year Wineries are now located in Erie and Chester counties

Copies of Progress Report 303 regarding climatic factors for wine grapes are available from county offices of the Cooperative Extension Service or from the Agricultural Mailing Room, 110 Service Building University Park Pa 16802

In general the greatest factors to be overcome seem to be winter injury and disease Southern Pennsylvania may have more difficulty in these respects than does the Lake Erie area The southern counties receive more rainfall have higher mean monthly temperatures and can expect temperatures of minus 5 degrees or lower more frequently than the shores of Lake Erie

Progress Report 303 indicates that sites for wine grape production should have protection from cold prevailing winter winds There should be good air drainage and well drained soils Temperatures should seldom reach minus 5 degrees Farenheit or lower

The southcentral and southeastern areas of the state are superior to the Lake Erie shores with respect to "growing-degree days" This is a term used to describe heat units All the locations described have an adequate number of growing-degree days to produce wine grapes

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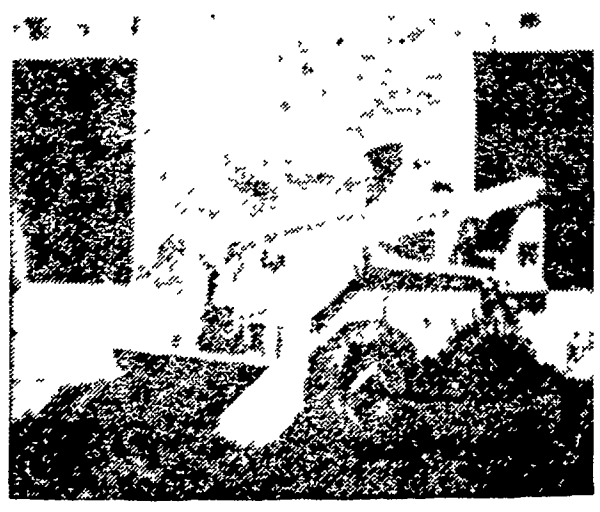

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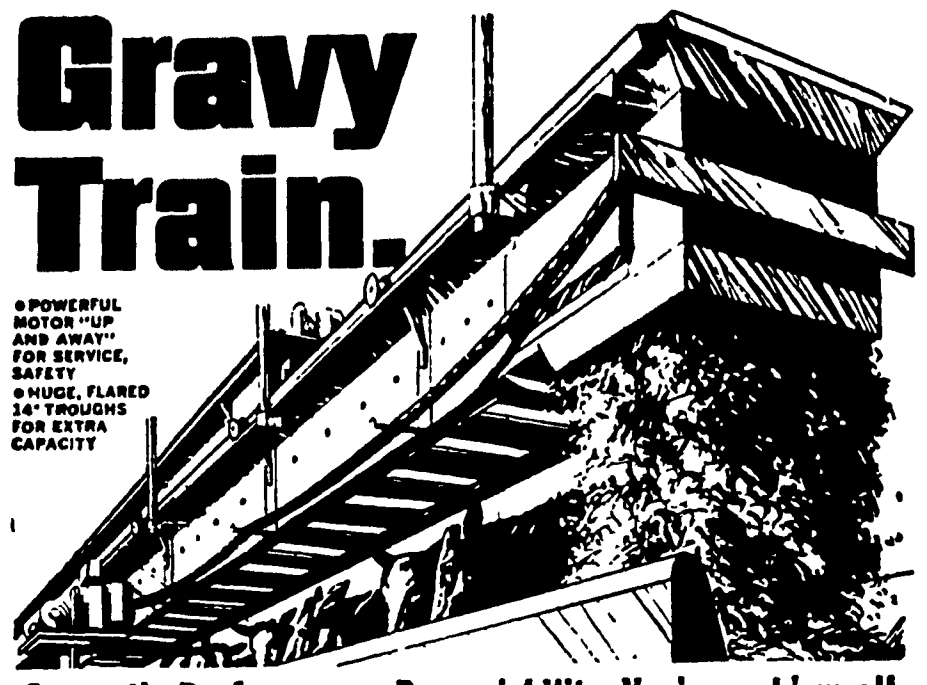

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Penn State Study Informs Southeastern Pa. Farmers

Food Stamps Have Local Impact, USDA Reports

About $225,000 will have been added to the Lancaster County economy by July 1 in the form of food purchasing power as a result of the Federal Food Stamp Program July 1 marks the first year of operation in the county

The USDA Food and Nutrition Service also reported about $170,000 will have gone to Chester County and $75,000 to Lebanon County in the same period

According to the USDA, low income families in Lancaster County have paid about $425,000 for food stamp coupons valued at $650,000 since the Program started in July, 1969 The difference of $225,000 represents the increase in food sales that has directly benefitted county food merchants About 1,850 persons participate in the Program each month

Currently there are 155 food retailers and one wholesaler in Lancaster county authorized by USDA to accept coupons Many of these grocers have increased their sales substantially in meat and dairy products as well as in produce items since the program started.

Low income families in Chester County have paid about $330,000 for food stamp coupons valued at $500,000 since the Program started in July, 1969 The difference of $170,000 represents the increase in food sales that has directly benefitted county food merchants About 1,800 persons participate in the Program each month

There are now 48 food retailers in the county authorized by USDA to accept coupons

Low income families in Lebanon County have paid about $140,000 for food stamp coupons valued at $215,000 since the Program started in July, 1969 The difference of $75,000 represents the increase in food sales that has directly benefitted county food merchants. About 770 persons participate in the Program each month.

Currently there are 57 food retailers in the county authorized by USDA to accept coupons

Under the program which is administered jointly by the USDA's Food and Nutrition Service and the Pennsylvania Department of Public Welfare, eligible low income families invest the money they would normally use to buy food each month in coupons that have a greater monetary value These coupons may then be spent like cash at authorized food markets

Coupons can only be used to purchase domestically produced food products and some specific imported foods Food merchants redeem the coupons at face value at local banks

Although the local welfare department is responsible for certifying recipients, low income families not receiving public assistance may also be eligible to receive food stamp coupons

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Home Fashion Centers Change Shopping Habits

Many new trends in merchandising home furnishings are developing into the accepted way of doing business, says Miss Elizabeth Langsdale, home furnishings specialist at the University of Maryland

In fact, in some cities, these merchandising trends have already become established business procedures, she adds

Home fashion centers sell everything from major equipment to curtains Instead of going to five or six different stores, people can go to one of these new centers and purchase everything needed to furnish a home

Merchandisers predict that before long the department store, as we now know it, may no longer exist. Miss Langsdale adds Instead, there will be centers for everything from sporting goods to clothing

There is also a trend toward more armchair or at-home buying More and more stores are issuing catalogs and offering to send salesmen with samples to homes and some companies are researching closed circuit television buying, says Miss Langsdale

More manufacturers and wholesalers are now selling directly to the public No jobbers, retailers or other middle men are involved

Another new trend taking place is the consolidation of manufacturing companies, Miss Langdale explains Many companies are buying others which have been making related products These consolidated companies may open their own home furnishings centers, she adds

A department store in one city has developed a new merchandising technique Two complete houses have been erected right in the store The houses are completely furnished, each in a different style, and each has a lawn with trees and flowers Shoppers can tour the houses to get a complete look at home furnishings, explains Miss Langsdale

Shopping may not be a hectic, dreaded chore much longer It may be an exciting experience or as easy as pressing a button.

Purina Dairy Conditioner Special can prepare cows for good production at low cost

If you're not among the many good local dairymen who have started mixing Purina Dairy Conditioner Special with your own grain to build a research-proved dry cow ration, it can pay you to check into this low-cost way of feeding dry cows.

Purina Dairy Conditioner is a 16 percent protein ration, fortified with extra Vitamins A and D plus phosphorus to help guard against milk fever.

To help you save on dry cow feeding, Purina Research recommends varying feeding levels, depending on cow condition and the quality of your roughages For example, if a cow is in good condition and your roughages are of excellent quality, you would feed less Purina dry cow ration than if the cow were in only fair condition and if the roughages were of only fair quality.

Using Purina Check-R-Mix* formulas we can build you a low-cost dry cow ration, combining Purina Dairy Conditioner with your grain Or, if you're feeding low-protein roughages, it may pay you to feed Dairy Conditioner "straight" — just as it comes from the bag.

More and more successful area dairymen are proving that good dry cow feeding pays off in extra cow condition — and extra milk production in the next lactation For example, 100 to 200 pounds of additional body weight at freshening can pay off in 1,000 to 2,000 pounds of extra milk during the lactation.

Drop in soon and get your free copy of the Purina Dry Cow Program folder. We'll be glad to point out how Purina Dairy Conditioner Special can help prepare your dry cows for good production at low cost.

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Guest Farm Operator on the Go

(Continued from Page 17)

was named for both of her grandmothers She loves to read and even tries to read while doing some of her work around the house She is a real help to her mother She is in first year 4 H sewing, being a member of the Mount Joy 4 H Sewing Club She enjoys it very much She too is interested in antiques She has collections of paperweights and beaded handbags and evening bags She has taken piano lessons for two years She plays while the family gathers around the piano and sings

Eddie has a vegetable garden He grows vegetables and sells them to his mother He helps with the pigs and has seven of his own Dwight also helps feed the pigs

Yvonne is the daughter of Martin and Barbara Hauck She was born on a farm near Rothsville but the family moved to a small farm near York about 20 years ago. She attended Lancaster Mennonite School one year where she met her husband She graduated from William Penn High School in York

For two years after marriage, she and Wayne lived in Maine It was there that she started attending flea markets and became interested in antiques. Three years later she started buying antiques as a hobby. She says it's still strictly a hobby.

She caters to primitives and furniture, although she does have some china and glassware, lots of crocks and what have you. She used to attend and sell antiques at many flea markets but now attends just one big one at New Oxford, Adams County, in June. It is widely advertised and people come to it from far and near.

Mrs. Miller has turned her house basement into an antique shop where all kinds of interesting pieces may be found at reasonable prices For the most part "pickers" buy for them Her 100 year old home is also furnished with lovely pieces of antique furniture.

In her basement Yvonne also handles over a dozen colors of burlap yard goods She does this because it is difficult to find it in stores She also uses burlap herself in making many household articles like aprons, tablecloths, place mats and for picture backing

People seeking a quiet, leisurely vacation out in the wide open spaces find The Green Acres Guest Farm an ideal spot, and urban people get a firsthand knowledge of farm life and agri business there They learn what real togetherness is when they see the whole family cooperating in the many pleasant but arduous tasks of the farm

Millers provide four or five bicycles, a pony with a saddle, another pony and cart and a splash pool for their guests Bicycles are not popular with the guests because they have them in the city They enjoy much more the ponies and the long hikes between the two covered bridges

Millers can sleep 16 guests in their big 12 room house They also have a finished room on the third floor and they have one suite of a bedroom and a kitchenette with a studio couch, table and chairs for the family who wishes to prepare their own meals

But Mrs Miller provides breakfast and dinner for most of her guests This is an experience in good eating with plenty of good meat, fresh eggs, milk and vegetables She always works in a few Pennsylvania Dutch famous dishes She never fails to serve her own shoo-fly pie once during their stay. Her electric percolator is always brewing and accessible to the guests which makes them feel right at home.

Millers have a very rustic kitchen which they finished themselves last winter. Formerly it was their old out-kitchen which had two built-in iron kettles and a cement floor They tore out the kettles, making a very large open fireplace with a mantle above. They have a crane built in the side to hold a large iron kettle. Next to the fireplace they have an "outhouse" as they call it Above their range and refrigerator they have a wood shingled roof They covered the front of the refrigerator with red burlap and used the same between the rafters of the open beam ceiling. They used old barn weather boarding for side walls and an old country store counter and set of drawers for the cupboards All of the drawers and other trim were painted red The perforated metal front of the old store sugar and flour bins was used as a front for the automatic dishwasher. They used red figured wallpaper for part of the walls. Old used bricks were put on the floor which Mrs. Miller says she likes very much.

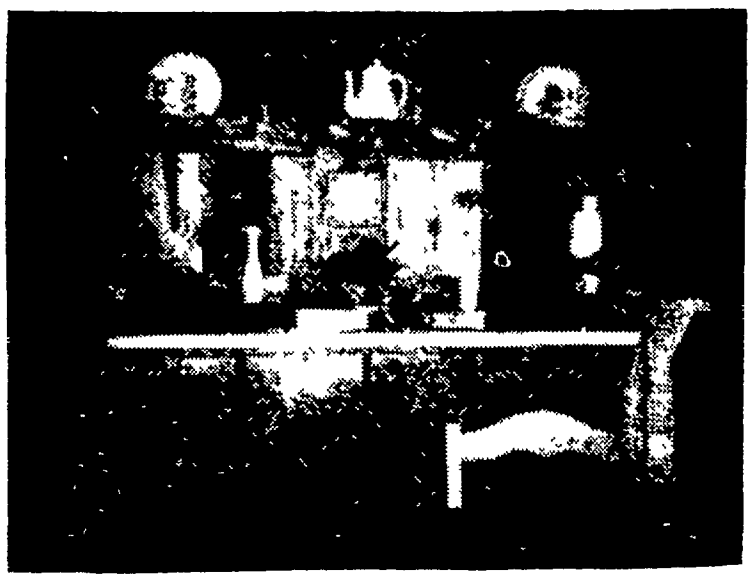
They have a long plank table and a shorter one in this large kitchen and dining room to accommodate their guests. Mrs Miller completed the decor with burlap curtains, which she made, and displays many of her antique dishes, candle molds, wall plaques, iron kettles, griddles, etc on the mantle and the shelf above her sink

The Millers operate the business themselves except when especially busy when Miss Julia Garber, daughter of Mr and Mrs James Garber, assists They are registered with the Lancaster County Tourist Bureau which is operated by the Lancaster Chamber of Commerce.

Guests, some of which are famous people, have come from Australia, England, Norway, Holland and the states of New York, Massachusetts, Connecticut, Vermont, Maryland, Minnesota,

(Continued on Page 23)

Mrs. Wayne (Yvonne) Miller points to some guests names who return each year to spend their vacation at Green Acres. In the background, the old iron kettle hangs from the crane in the big open fireplace in the kitchen.



Yvonne serves coffee for guests in her rustic kitchen Her zinnias and fern lend a friendly atmosphere to the interesting arrangement of antiques and home-canned fruits and mixed vegetables.

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For The Farm Wife

(Continued from Page 22)

Ohio, Florida, New Jersey and Washington, D C.

Wayne is a member of the Pennsylvania Farmers Association and served on their membership drive a year ago Yvonne is a member of Farm Women Society 27 of the Mount Joy area which meets once a month in the evenings They have 30 members and Mrs Arthur Wenger is president at present Mrs Miller was vice-president at one time At their meetings this year they have had workshops on egg decorating, candy making and interior decorating This month they are touring the Ephrata Cloisters They will have a white elephant sale at their August meeting They have held two food sales to earn money Their service projects have included taking home-mixed cookies to the Harrisburg State Hospital and helping the staff bake them for the patients, giving to the County Farm Women projects and they took meals, for a couple of months, to a family of one of their members who died.

Mrs Miller sews for Barbara and herself and makes many household items Some of her hobbies include making decoupage plaques, knitting, growing flowers outside and house plants and making arrangements of fresh flowers, artificial flowers and fruits

She cans and freezes quantities of vegetables and fruits and makes large quantities of jellies and preserves She says she is hard on cookbooks as she tries lots of new recipes However, she changes many of the recipes to suit her own taste

Here is a typical meal Yvonne might serve her family and guests featuring a one dish meal, a tossed salad and her own shoo-fly pie.

DEVILED EGGS WITH CHEESE SHRIMP SAUCE

- 9 hard-cooked eggs
- 3 tablespoons mayonnaise
- 1 tablespoon chopped sweet pickle
- 2 teaspoons vinegar
- ½ teaspoon dry mustard
- Dash Worcestershire sauce
- Dash Pepper
- 1 (4 oz.) can mushrooms
- 1 (4 oz.) can shrimp
- ¾ cup milk
- 1 (10¼ oz.) can condensed Cheddar cheese soup or other cream soups
- 4 cups hot cooked rice

Cut peeled eggs in half lengthwise, slip out yolks; mash with fork Mix in mayonnaise, pickle, vinegar, mustard, Worcestershire sauce and pepper. Fill egg whites with the egg yolk mixture, heaping it up lightly Heat oven to 350 degrees. Heat mushrooms, shrimp, milk and soup just to boiling, stirring occasionally. Spread rice in ungreased baking dish (11½"x7½"x1½") Arrange eggs in 3 rows on rice, pour soup mixture over eggs and rice. Bake uncovered 15 minutes, if desired. Garnish with snipped parsley 6 to 8 servings

TOSSED SALAD

- Lettuce
- tomato
- cucumber slices
- carrots
- celery
- hard boiled eggs
- shrimp pieces
- radishes

UNCOOKED SALAD DRESSING

- ½ cup vinegar
- 1 cup sugar
- 1 cup salad dressing or mayonnaise
- ½ cup milk
- pinch salt

Beat together until smooth in mixer or blender Use for tossed salad or cabbage slaw

YVONNE'S SHOO-FLY PIE

Bottom part:

- ¾ cup King syrup
- ½ cup boiling water and ½ teaspoon soda

Top crumb mixture:

- 1 cup flour
- 3 tablespoons shortening
- ½ cup brown sugar
- ½ teaspoon salt
- ½ teaspoon cinnamon
- ⅛ teaspoon each of nutmeg, ginger and cloves

Mix bottom ingredients and into an unbaked pie crust Make crumb mixture and put on top. Bake at 400 degrees for 10 minutes, lower temperature to 325 degrees and bake until firm. Top with whipped cream when served. Makes a 9 inch pie.

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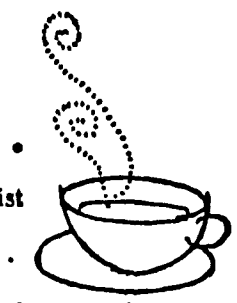
Ladies, Have You Heard? . . .



By Doris Thomas, Extension Home Economist

Flavorful fresh peaches — is there any better eating?

Whether you fancy is fresh peaches on your breakfast cereal or warm peach pie al la mode for dessert, you are bound to welcome the fresh peach crop And whether you prefer the yellow-fleshed or white-fleshed peaches, choose top quality fruit

THOMAS

Top quality peaches are bright and fresh-looking The juiciest, most highly flavored peaches have a yellowish or cream background The red cheek of peaches depends on the variety and the preharvest weather — a red cheek does not necessarily mean good eating

Select peaches that are fairly firm or firm —but not hard Very green, hard peaches may not ripen evenly or not at all Instead they will shrivel and dry, and these peaches lack flavor Soft or overripe peaches will not keep So buy them only if you can use them right away

Bruised peaches are usually discolored and wasteful under the skin, even if the skin is not discolored So bruised peaches are not a good buy Decay on peaches, usually brown spots, spreads rapidly.

When peaches are ripe, store uncovered in your refrigerator and use within five days. But if some are not ripe enough to use right away, leave them at room temperature out of direct sunlight If you have more than you can use at one time, put the ripe peaches in the refrigerator to preserve their quality and flavor.

If you plan to can or freeze peaches this summer you will find the following information most helpful

Red Haven, an early yellow freestone, is excellent for freezing. Red Haven holds its shape and will not darken as quickly as some other varieties

Halehaven, J. J Hale and Shippers Late Red ripen during the middle of the season and are recommended for freezing and canning

The Elberta is the last of the peaches to ripen in Pennsylvania, usually in heaviest supply around Labor Day. It is excellent for canning or pickling.

Peaches at the right stage for eating are the best for freezing and canning Sometimes it may be necessary to hold peaches a day or two after buying or picking until they reach the "just-right" stage for preservation

Summer Apples Are Good Eating!

The first apples of the season are now on the market These early-comers are different They are tart, juicy, and quick cooking — all factors that make first apples excellent for sauce and pies.

Among early apple varieties are the Yellow Transparent, the deep, green Starr, the very tart green and red stripe Duchess, and the Williams Early Red By August and September, Summer Rambo Apples come to market

Regardless of the type you buy, look for apples that are firm, well-shaped, and free from bruises or other blemishes Early apples that turn yellow may be dry and mealy and not be the best for cooking

There are about three medium-sized, or four small apples to one pound Medium-sized apples have a little less waste than small ones You will need about eight medium apples to make a generous 9 inch pie The same number will make about 3 cups of apple sauce

Gonzalez in NEPPCO Egg Quality Course

George Gonzalez of Hess Bros Farms, Ephrata, was among those registering the highest scores recently at the new, two-day NEPPCO Egg Quality School at Rutgers University, New Brunswick, N J

Of those 39 taking the test, 36 qualified for Certificates of Proficiency Gonzalez scored 93 per cent, just under the top score of 95 per cent

NEPPCO also reported five new members from Pennsylvania, including Carroll S Barton, John W Melhorn, Richard Miller, Mark Myer, Stanley R. Ringer and J Warren Shearer.

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Antiquing with Joel Sater

Over 1000 Early American Silversmiths — 100 American Silver Manufacturers

Every field of collecting has it's classic, definitive work Today's collectors of silver owe much thanks to Col Robert Alan Green for his magnificent reprint of Ernest Currier's MARKS OF EARLY AMERICAN SILVERSMITHS

Currier, himself a world famous worker in silver and gold who designed and executed the Bobby Jones Golf Trophy, spent years researching the lives and markings of American silversmiths

At his death his wife arranged in 1938 to have his notes organized and published in book form It was a handsome volume limited to only 750 copies "When one turns up today the price runs into the three figures," says the Colonel

Col Green has reproduced this original volume with loving and meticulous care His edition too is limited to 1000 copies, $27 50, published by The Colonel's Hobby, 8 Shawnee Trail, Harrison, N Y 10528 The marks of over 1000 American Silversmiths are shown, most of them concentrating on smiths of the 17th, 18th, and early 19th centuries, though some silversmiths listed died as recently as 1890

Though we all would love to own American silver from the 18th century,' says Judith Amdur, silver collector and dealer who was displaying at the National Antiques Show at Madison Garden, "there's very little of it around to be bought Most is owned by museums, churches or wealthy private collectors

But there's plenty of fine silver American, European and English from the 19th century within reach of most pocketbooks"

Early American Silver can only be exactly dated by researching the dates of the maker and analyzing the technique of design.

Though most American silverworkers are known, a few markings still remain unidentified. English silver has always been carefully marked and dated. "French and German silver is usually well marked but the date must be determined by certain tricks of the maker like turning his hallmark in a certain way for a particular year,' Judith states

I get many inquiries about the markings on silver pieces owned by my readers Most frequently they are post 1850 A very fine reference for this late silver is AMERICAN SILVER MANUFACTURERS by Dorothy Rainwater, Everybody's Press, Hanover, Pa, $10 It traces the histories of over 100 American silver manufacturers

I think anyone interested in silver should own a copy of both books mentioned in today's column Between them you'll find the answers to most of your questions about who made it and when.

cJoel Sater Send large self addressed envelope with 12c stamp for free list of hundreds of good books on antiques Write c/o this newspaper.

Judith Amdur, Riverdale, N.Y., collects old silver year round Once every six months she places about 10,000 pieces on sale in a dramatic exhibit at the National Antiques Show, Madison Square Garden.

Jane Elizabeth Logan, 20, Mount Gilead, Ohio, was crowned American Dairy Princess for 1970-71 at the 16th annual contest held in Boston July 1 in conjunction with the 85th convention of the Holstein-Friesian Association of America.

Named as her alternate was Debbie Huffman, Minnewaukan, North Dakota.

A sophomore at Ohio State University, the new princess is 5' 6" tall with blue eyes and brown hair. She received a $2,000 cash scholarship to further her education; her alternate, $500.

As the new "First Lady" of the dairy industry, Jane Logan will "speak up" for milk products in print and on the air. Her public relations role will be to point out the nutritive benefits of dairy foods and to promote them on a non brand basis.

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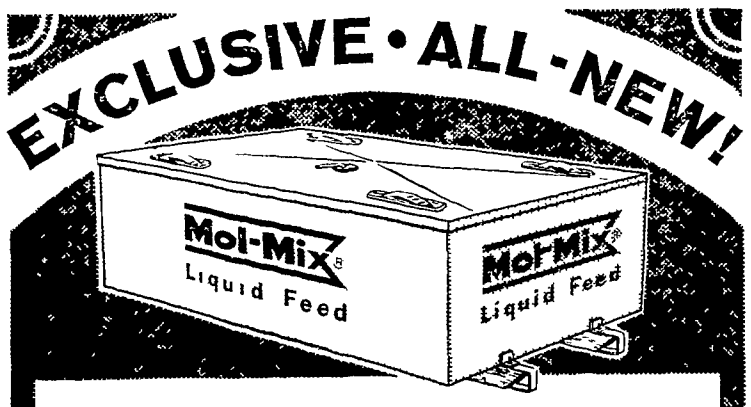

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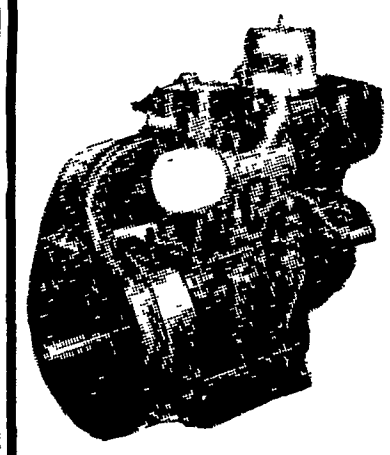

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9th Bareville Horse Show Winners

The Ninth Annual Bareville-Leola - Leacock Lions Club Horse Show was held recently at Glick's Trailer Shop in Bareville.

The following horses, riders and owners were winners in their respective classes

Lead Line Horse — Tweed Coat, ridden by Betsy Gilbert York, owned by Lisa Gilbert, York

Lead Line Pony — Trigger, ridden by Mark Mancini, Pennsburg, Pa., and owned by Martin Unger III, Pennsburg

Childrens' Western Pleasure — Swift Cajun, ridden by Cathy Mentzer, and owned by Richard Mentzer, Strasburg

Adult's Western Pleasure — Diane Sugar, ridden and owned by Joanne Roether, Denver

English Children's Equitation — Rosetta Gypsy Lady, ridden by Nancy Weber, owned by Dr and Mrs Earl Weber, Millersville

Pole Bending — Jo Go-Jo, ridden by Danny Stubbs, and owned by Eddie Kuhns, Lancaster

Cloverleaf Barrel Race — Tweed Coat, ridden and owned by Lisa Gilbert, York

Open Pony Driving — Taboren Cadet, driven by Lester Sweigart, owned by Mt Airy Pony Farm, Denver

Pair Class — Tweed Coat, owned and ridden by Lisa Gilbert York, and Red Joe Cat, ridden by Satch Wagman, Red Lion and owned by Donald Snyder, Red Lion

Walking Horse Exhibition to Judge — Strolling Top Hat, ridden by Paul Turner owned by Dr Henry Hartman Mohnton, Pa

Three Gaited — The Ladies' Man, ridden and owned by Phyllis Ann Zuber, Millersville

Children's Barrel Race—Miss Redigo, owned and ridden by Barry Rothermel, Mohnton Pa

Scurry Race — Tweed Coat, owned and ridden by Lisa Gilbert, York

Children's Trail — King Bay Jr., ridden by Cheryl Gernert, and owned by Earl Gernert, Manheim

English Pleasure Class — Sea Rose, owned and ridden by Tommy Blank Lancaster

Pony Roadster 46 inches and under — Kewpie Doll driven and owned by Rich Rehm Lititz

Bosal Western Pleasure — King Bay Jr., ridden by Cheryl Gernert, owned by Earl Gernert, Manheim

Break and Out — Trusty Rusty, ridden by Dianne Stokes of Maie Pony Ranch Hummelstown

Adult's Reining — Tweed Coat, owned and ridden by Lisa Gilbert, York

Five Gaited — Stonewall's Campus, ridden by Patricia Crouse, and owned by Mr and Mrs Vernon Crouse Reading

Children's Reining — Panchito, ridden by Panchito owney by Dick Myers York

Pony Roadster, 47 inches and over — Suites Colonel Bow, driven by Douglas Zerbe, owned by Mt View Pony Farm Denver

Walk Trot (children 12 or under) — Golden Show Girl, ridden and owned by Jimmy Glick, Bareville

Walking Horse — Strolling Top Hat, ridden by Paul Turner, Lititz and owned by Dr Henry Hartman

Pick up Race — Tweed Coat owned and ridden by Lisa Gilbert, women's division, and Miss Redigo, ridden and owned by Barry Rothermel, Mohnton, Pa, men's division

Keystone Race — Navajo Joker, ridden and owned by Kenny Seifrit, Dovylossville, Pa

Adult's Trail — Tom's Buster, owned and ridden by Jacqueline Harwick

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What's New?

Watch for Dodder

Penn State extension service reports that recently two chrysanthemum growers both complained that their plants were covered with a yellowish orange string

The problem was caused by dodder—a plant parasite Dodder can cause a grower some real headaches in addition to being rather costly to control

There is no method of controlling this pest without killing the host plant You are wasting your time if you try to pick it off the plants, and it is only a temporary measure

Immediate action is necessary for controlling this pest The host plant should be removed and burned The soil should be sterilized (steam or chemical fumigation) prior to replanting If you still find dodder after this, repeat the burning process

Where does dodder come from? A good question It frequently is seen growing over weeds near creeks or marshes

Seed might be present in the soil if you use this soil Dodder may wash in if your growing area gets flooded It could be carried in manure, if the cows eat the affected plants

Dodder has no leaves, just a few small scales The flower are borne in masses The clusters are white, pink or yellowish The seed is very small (one to two millimeters) Plants bloom from late spring to frost Seeds form up to frost kills the plants Seeds that drop to the ground may remain dormant for 5 years or more The weed can germinate from the current seed crop or from dormant seed

So the next time, you see the yellowish orange strings covering your plants take drastic measures at once Burn the entire plant, before dodder gets a chance to take over your crop!

While not widespread in this area local officials report that the plant parasite can crop up in southeastern Pennsylvania and cause major problems Stay alert

Hybrid Wheat Seed

New hybrid wheat seed capable of increasing wheat production by 25 to 30 per cent, possibly more, is being developed by various companies and should make a major impact on wheat production within the next few years, reports Agri Dynamics magazine, published Chas Pfizer & Co, Inc

But the magazine notes that there is already a world-wide surplus of wheat, so the breakthrough may be mixed blessing While a wheat shortage existed as recently as 1967, major wheat producing countries such as the U S stepped up production and some undeveloped countries which had been importing wheat increased production to the point of self-sufficiency

Despite the present adverse wheat market situation, however, the new hybrids may offer farmers an opportunity to make major cost per unit production decreases

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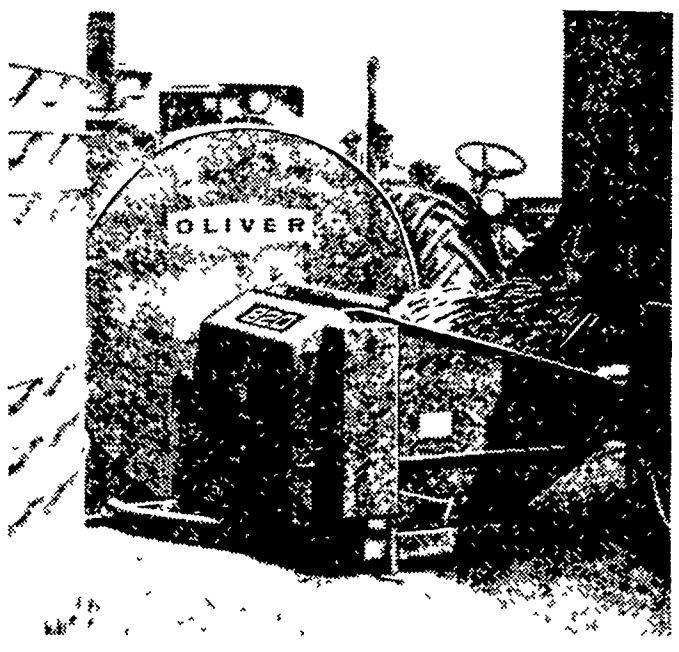

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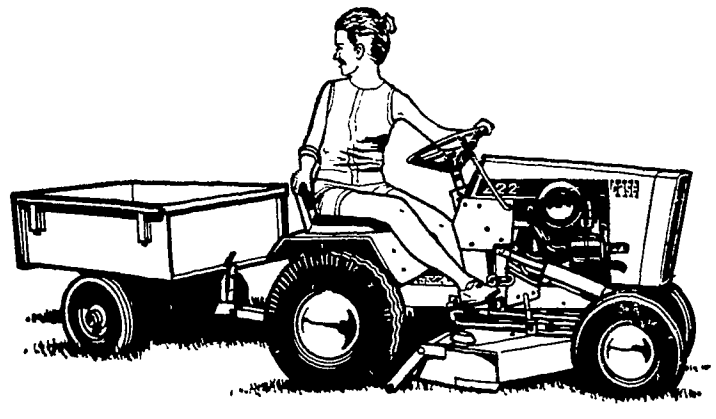

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Stall Barn Management Factors

In spite of the increase in free stall housing, the conventional stall barn continues to be favored by Pennsylvania dairymen who operate family sized farms, according to Penn State dairy officials

Therefore, investigations concerned with the best method of using bedding and rubber mats in stalls have been continued at the Dairy Production Center

Over the past 10 years, bedding requirements have been reduced to one-half, or less, by the installation of commercial rubber mats

However, other factors involved in managing today's dairy cattle can reduce, or even eliminate, the advantage of savings in bedding when health and sanitation problems are increased Several of these management factors were investigated in studies conducted during the past three years under winter housing conditions

Observations in recent studies indicate that management practices hold the key to stall barn bedding economics, rather than just the amount of bedding provided each day

Experiment Conducted

Lactating cows housed in 160 individual stalls were checked weekly over a 10-week study period for visible hock injuries. Five breeds of dairy cattle were observed under various stall and bedding management conditions. Several hardwood products — chips, shavings, coarse and medium particle sawdust — were used for bedding. Approximately one-half of the stalls were equipped with commercial rubber mats.

The degree of hock injury was most noticeable under the following conditions: (1) when large amounts of bedding were applied to rubber mats; (2) where uneven distribution of bedding caused accumulations to occur in the forward portions of stalls; (3) when even small quantities of hardwood chips or shavings were used; and (4) where wet bedding conditions existed Severity of hock injury was greatest with the larger breeds, Holstein and Brown Swiss

Incidence of visible hock injury was negligible where medium particle sawdust was used in combination with good stall management conditions

Coarse sawdust particles, hardwood chips, and hardwood shavings exhibited a tendency to roll on smooth surfaces during normal up and down movements of cows. This rolling effect caused abrasive action to hock areas When the cows were lying down, coarse hardwood shavings and chips often caused skin punctures due to the high ridged areas of rubber mats.

Moisture from leaking water bowls and urine accumulation of cattle housed in improperly adjusted stalls also helped to aggravate hock inflammations.

Bedding economy studies were conducted during two winter housing seasons to compare gutter grates versus open gutters in two 40 cow stall barns

All stalls were equipped with rubber mats.

Daily bedding applications ranged from 1.6 pounds per cow in gutter grate equipped groups to 23 4 pounds per cow in open gutter groups Up to 44.5 per cent of the sawdust was applied directly to open gutters for management purposes in the latter groups

Adjust Water Bowl

Several interesting, and similar, patterns of observation were disclosed during the two-year study

Cleanliness of cows in all groups was related to two management factors—adjustment of stall facilities to individual cows and adjustment of water bowls to prevent leakage and spillage problems, rather than to the amounts of bedding applied daily per cow.

Staining of cows was also a problem in low bedding groups where manure accumulations existed on grates.

Gutter Grates—Fewer Problems

During the first year eight cows were treated for hock injury, three contracted foot rot problems, and three cows sustained severe udder injuries from jumping gutters when entering stalls in the open gutter barn.

During the second year's study twelve cows developed hock injuries, three cases of foot rot were treated, and four udder injuries resulted from jumping open gutters in these same unlimited bedding groups

In comparison, no udder injuries were reported and no new cases of foot rot developed over the two year study period in the low or restricted bedding groups where stalls were equipped with gutter grates.

Hock injury treatments were reported for three cows during the first year and four cows during the second year.

These latter cases of hock injury were directly attributed to wet stall conditions where moisture accumulations were a constant management problem.

These findings were reported earlier this year by A E Branding, **Research Assistant in Dairy Science**; W H. Cloninger, **Associate Professor of Dairy Production**; and H. D. Bartlett, **Professor of Agricultural Engineering.**

Sundaes, a Good Way To Go With Ice Cream

Americans invented the sundae

And Yankee ingenuity is still at work devising luscious ways to top icecream

Three tempting examples are Praline Sauce—rich as the famed Southern candy, fluffy Marshmallow Sauce, and that old smoothie, peanut butter in a saucy new guise

Stir one up next time you serve ice cream

Praline Sauce: In a 1-quart saucepan melt ¼ cup (½ stick) butter add ¾ cup broken pecans and saute until lightly toasted Add ½ cup firmly packed light brown sugar and 2 tablespoons light corn syrup, cook over medium heat, stirring constantly, until mixture boils and sugar is melted Gradually add ½ cup evaporated milk Remove from heat, blend in ½ teaspoon vanilla Yield 1¼ cups

Marshmallow Sauce: In 1½-quart saucepan combine ½ cup sugar, ¼ cup water and ¼ cup light corn syrup Bring to boil, reduce heat and simmer 5 minutes Remove from heat, add 1 cup miniature marshmallows and stir until melted In small mixing bowl beat 2 egg whites until soft peaks form Continue to beat while gradually adding hot syrup Cover and chill If sauce separates, mix until smooth Yield 2½ cups

For Marshmallow Mint Sauce After adding syrup to egg whites, blend in ⅛ teaspoon peppermint extract and a few drops of green food coloring to tint pale green

Peanut Butter Ice Cream Sauce: In 1 quart saucepan combine 1 cup sugar ½ cup water and ⅔ cup light corn syrup, bring to boil and cook over low heat until 220 F on candy thermometer Remove from heat or candy thermometer Place ¼ cup peanutbutter in small mixing bowl, gradually add syrup while beating at medium speed If sauce is refrigerated, warm to room temperature before serving Yield 1½ cups

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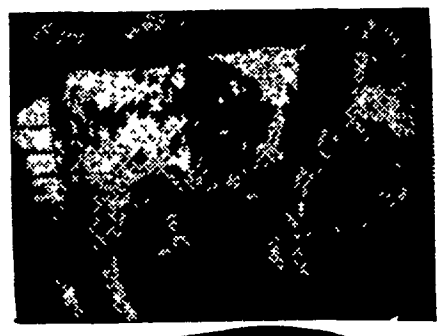

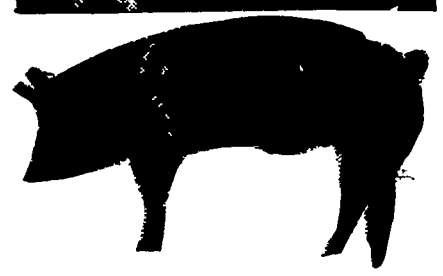

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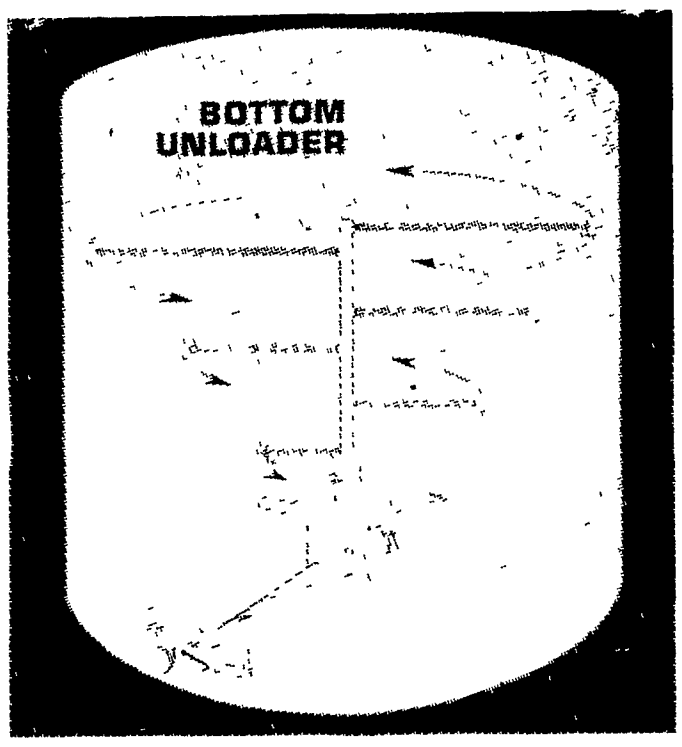

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Banker Says Farming Good Investment

Banks Urged to Consider Farmers

Agriculture is here to stay Its capacity for meeting the food and fiber needs of this nation and of the world is unlimited, according to O E Anderson, executive manager of the Ohio Banker Association

Anderson told those attending the annual Delaware Bankers Agricultural Forum at the University of Delaware that the best farmers and the best agribusinessmen will achieve a scale and method of production that will enable them to make a profit under almost any condition

On the other hand, the submarginal farmer is and always will be more of a social problem than an economic one, he added The success or failure of his operation is not based upon opportunity but upon his managerial skill or lack of it

The banker who does not recognize the difference between these two operators and the economic potential they represent — in terms of bank loans and deposits — has probably taken refuge in some secure, arm rut of his own making, Anderson stressed. A rut in which he can pass the time as under-capitalized farm implement dealers move in and out of inadequate facilities on the edge of town and the young men and women of the community migrate to the big cities.

In the larger, big city banks, Anderson said there are many specialized jobs located on dead end streets In a smaller rural area, the choice of "mink lined" ruts may not be as large, but there's still a choice and most of them are based on the theory that what was good enough in the '30's and '40's will be good enough in the '70's

If a banker wants to preserve his comfortable rut, he better not hire a farm credit specialist, emphasized Anderson "If you do, your bank may get the reputation of being the farmers' friend and farmers will be coming in expecting you to handle their credit needs"

"However, if you make the mistake of hiring a farm field man, you can rectify that pretty quickly by gradually bringing him into the bank and assigning him to general operations and commercial loans"

Anderson also suggested that bankers in a rut concentrate most of their attention on installment loans for new car purchases rather than worrying about agricultural loans

"Not only is the interest rate comfortably high on such lines of credit, but you can be a real expert on judging your collateral because you too, can buy a new car each year Furthermore when you repossess a car you can get rid of it a lot easier than a hay dryer or combine But the nicest thing about that kind of lending is that you don't have to leave your desk, especially when the weather is bad" said Anderson

Statistics reveal that many commercial banks maintain just this type of philosophy he added In 1969, commercial banks held less than $10 billion of the $25 billion in total farm credit outstanding for production purposes, and less than $4 billion of the $27 billion of farm real estate mortgages

In addition, although banks increased their volume of production loans by 134 per cent in the last 10 years, Production Credit Associations have increased their share by 243 per cent and merchants, dealers, finance companies and other lenders have gained 180 per cent over the same period Only the Federal Intermediate Credit Banks and the Farmers Home Administration have increased their total at a slower rate than commercial banks

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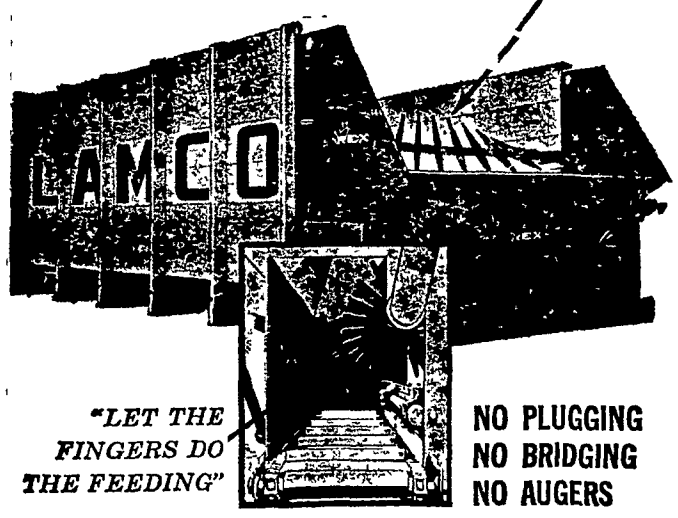

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FARM WOMEN SOCIETIES

Society 7

Miss J Elene Heiss, director of Elene's School of Charm and Self-Improvement, was the main speaker recently at a salad luncheon meeting of the Lancaster County Farm Women's Society 7

The luncheon, held at the home of Mrs John Denlinger, 16 Meadow Lane, Smoketown, honored the county officers of the Farm Society Mrs Harold Eby, president, was in charge

A picnic will be held Aug 5 at Lampeter Park for all county members and their families The picnic will be held in connection with the bi-monthly county board meeting

Also, the Farm women will have a food stand at the flea market to be held at the Paradise Memorial Park, Sept 5

The next meeting will be held Sept 12 at the home of Mrs Ethel Rice, of Paradise Lancaster City Police Detective Luther Henry will speak on the drug problem

Only 50% of Americans Have Good Diets, USDA Finds

How well fed are Americans? A national survey by the U S Department of Agriculture indicates that only half of the 15 000 families studied had diets rated "good." About one in five families or 21 per cent had diets rated "poor."

Calcium, vitamin A, and vitamin C were the nutrients most often found below recommended dietary allowances according to Dr Daniel A Swope of the Agricultural Research Service, USDA Dr Swope reported the findings at a recent College of Agriculture seminar at Pennsylvania State University

The survey suggests that nutrition can be improved through increased use of milk and dairy products vegetables, and fruits This is especially true for meeting the recommended allowances for calcium, vitamin A, and vitamin C, Dr Swope stated

He said diets rated "good had nutrients meeting fully, or exceeding, recommended dietary allowances set by the Food and Nutrition Board of the National Reasearch Council Diets rated poor' provided less than two-thirds of the recommended dietary allowance for one or more of seven nutrients studied

A survey made 10 years earlier indicated that 60 per cent of the families had 'good" diets—compared with 50 per cent for the most recent study Dr Swope is chief of the Food Consumption Branch of the Agricultural Research Service, USDA

Speaking before a seminar in the department of agricultural economics and rural sociology at Penn State, he said adequate income, alone, does not guarantee good diets Among households with incomes of $10,000 and over nine per cent had poor diets

This suggests the e may be a need to explain nutrition education efforts at all income levels Or perhaps there is simply a lack of motivation to select the most nutritious foods," Dr Swope observed

Diets of females, generally were not as good as those of males Adolescent girls and women from ages 9 through 54 averaged below the recommended allowances for calcium, iron, and thiamine Older men and women, especially those aged 75 and above, were low in calcium, riboflavin and vitamin A Infants and children under age six were below the recommended levels for iron

Males in the survey consumed more milk generally than did females This reduction in milk consumption was observed among girls aged 9 to 11 and continued steadily downward through the 35 to 54 age group of women This was linked with diets being at least 20 per cent below the recommended allowances for calcium

The findings underscore the need for educating people about the food sources of calcium, principally milk and milk products The need to include these in the diet is evident he affirmed

For both males and females, the use of beverages other than milk and juices — mostly soft drinks and coffee — increased after ages 9 to 11 Especially for girls these beverages seemed to offset the use of milk

A principle goal of periodic USDA surveys of food consumption is to develop and distribute information to assist in improving diets All regions of the continental United States have been included in the surveys.

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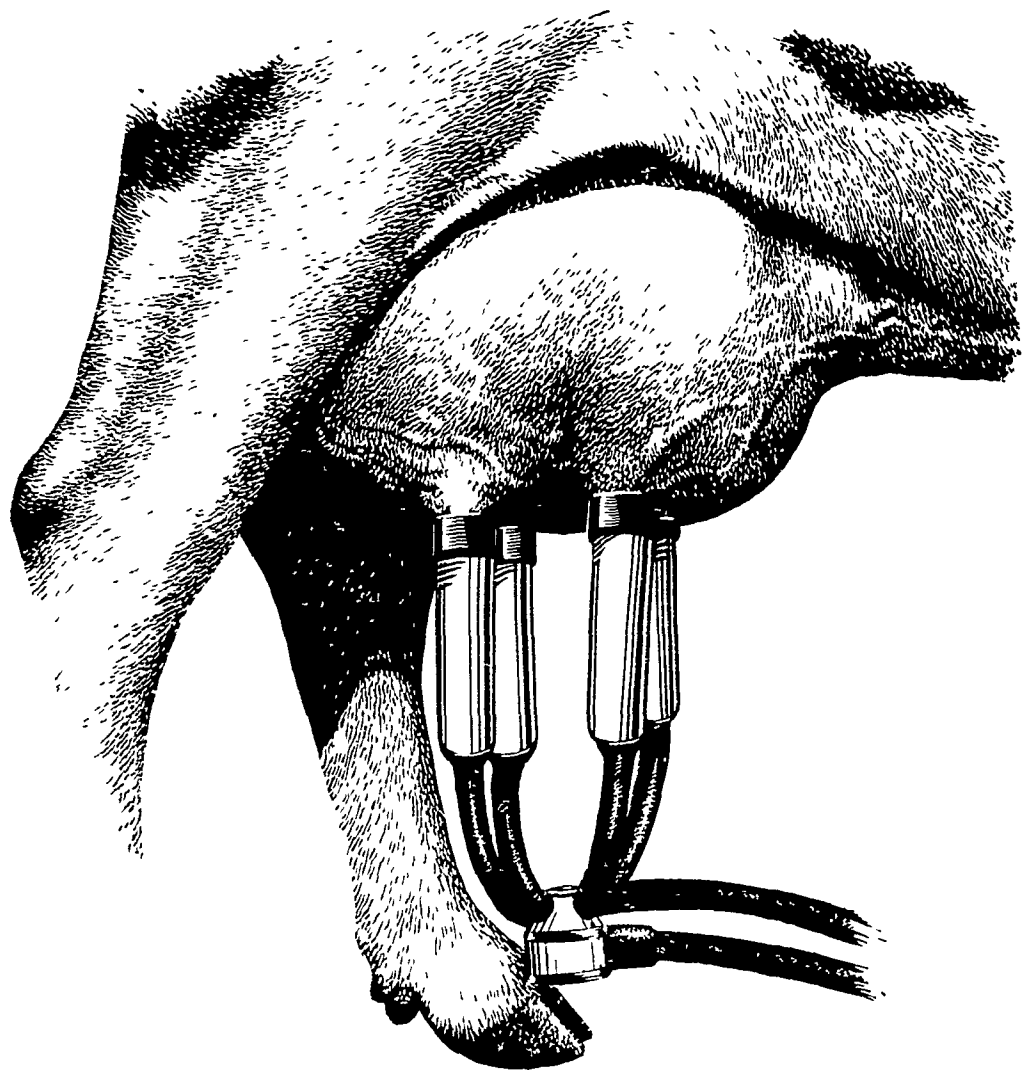

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